

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
 Data File : VX044605.D
 Acq On : 07 Jan 2025 16:29
 Operator : JC/MD
 Sample : VX0107WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBS01

Quant Time: Jan 08 05:54:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 03:57:12 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/08/2025
 Supervised By : Mahesh Dadoda 01/08/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	199518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	350365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	297217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	147625	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	162818	50.612	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.220%
35) Dibromofluoromethane	5.373	113	114917	47.832	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.660%
50) Toluene-d8	8.647	98	397141	48.394	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.780%
62) 4-Bromofluorobenzene	11.079	95	137888	47.604	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	47039	16.294	ug/l	96
3) Chloromethane	1.294	50	45336	15.759	ug/l	100
4) Vinyl Chloride	1.374	62	43702	16.193	ug/l	98
5) Bromomethane	1.599	94	23467	16.787	ug/l	98
6) Chloroethane	1.666	64	24555	15.905	ug/l	94
7) Trichlorofluoromethane	1.873	101	67156	16.712	ug/l	95
8) Diethyl Ether	2.130	74	25708	18.106	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	35411	15.370	ug/l	99
10) Methyl Iodide	2.447	142	47835	14.889	ug/l	99
11) Tert butyl alcohol	2.989	59	37650	95.045	ug/l	98
12) 1,1-Dichloroethene	2.312	96	34260	15.349	ug/l	95
13) Acrolein	2.233	56	54152	103.392	ug/l	99
14) Allyl chloride	2.660	41	61406	16.542	ug/l	99
15) Acrylonitrile	3.062	53	99059	86.828	ug/l	99
16) Acetone	2.380	43	89681	88.449	ug/l	98
17) Carbon Disulfide	2.508	76	71705	15.536	ug/l	100
18) Methyl Acetate	2.703	43	51118	17.081	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	129196	16.890	ug/l	98
20) Methylene Chloride	2.782	84	41493	16.041	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	35529	15.510	ug/l	93
22) Diisopropyl ether	3.757	45	128051	16.780	ug/l	93
23) Vinyl Acetate	3.715	43	541140	87.694	ug/l	100
24) 1,1-Dichloroethane	3.605	63	72709	16.352	ug/l	97
25) 2-Butanone	4.556	43	136176	93.048	ug/l	98
26) 2,2-Dichloropropane	4.465	77	63739	16.580	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	44211	15.828	ug/l	97
28) Bromochloromethane	4.891	49	40873	19.747	ug/l	96
29) Tetrahydrofuran	5.007	42	87067	86.876	ug/l	99
30) Chloroform	5.092	83	77610	16.191	ug/l	96
31) Cyclohexane	5.464	56	57811	15.835	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	66159	16.400	ug/l	98
36) 1,1-Dichloropropene	5.690	75	47552	15.307	ug/l	99
37) Ethyl Acetate	4.708	43	53668	16.887	ug/l	98
38) Carbon Tetrachloride	5.672	117	52412	15.206	ug/l	100
39) Methylcyclohexane	7.373	83	59639	15.045	ug/l	96
40) Benzene	6.031	78	152390	15.579	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
 Data File : VX044605.D
 Acq On : 07 Jan 2025 16:29
 Operator : JC/MD
 Sample : VX0107WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBS01

Quant Time: Jan 08 05:54:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 03:57:12 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/08/2025
 Supervised By : Mahesh Dadoda 01/08/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	29442	17.259	ug/l	98
42) 1,2-Dichloroethane	6.080	62	66574	17.404	ug/l	100
43) Isopropyl Acetate	6.336	43	88795	16.936	ug/l	98
44) Trichloroethene	7.123	130	36524	14.607	ug/l	98
45) 1,2-Dichloropropane	7.421	63	38440	16.119	ug/l	98
46) Dibromomethane	7.580	93	29295	15.795	ug/l	99
47) Bromodichloromethane	7.818	83	55304	16.386	ug/l	99
48) Methyl methacrylate	7.690	41	45068	18.022	ug/l	99
49) 1,4-Dioxane	7.665	88	13341m	363.049	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	278009	90.710	ug/l	100
52) Toluene	8.714	92	94874	16.075	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	53034	16.439	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	58846	16.230	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	37760	16.320	ug/l	95
56) Ethyl methacrylate	9.116	69	57711	17.151	ug/l	98
57) 1,3-Dichloropropane	9.305	76	65809	16.938	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	147366	88.342	ug/l	99
59) 2-Hexanone	9.427	43	201905	93.152	ug/l	100
60) Dibromochloromethane	9.518	129	36996	16.036	ug/l	100
61) 1,2-Dibromoethane	9.604	107	38718	16.569	ug/l	99
64) Tetrachloroethene	9.269	164	33230	15.813	ug/l	97
65) Chlorobenzene	10.079	112	102580	16.262	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	35161	16.783	ug/l	98
67) Ethyl Benzene	10.189	91	176755	16.317	ug/l	99
68) m/p-Xylenes	10.299	106	133103	33.439	ug/l	99
69) o-Xylene	10.640	106	65347	16.265	ug/l	99
70) Styrene	10.652	104	106456	16.566	ug/l	99
71) Bromoform	10.799	173	21351	15.900	ug/l #	99
73) Isopropylbenzene	10.957	105	167293	15.296	ug/l	99
74) N-amyl acetate	10.841	43	71202	16.044	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	61475	17.438	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	50370m	17.021	ug/l	
77) Bromobenzene	11.195	156	45799	17.238	ug/l	95
78) n-propylbenzene	11.299	91	204058	16.564	ug/l	96
79) 2-Chlorotoluene	11.360	91	135693	16.998	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	156189	17.224	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	13491	13.877	ug/l	91
82) 4-Chlorotoluene	11.451	91	146790	16.345	ug/l	99
83) tert-Butylbenzene	11.713	119	153349	16.983	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	156716	17.204	ug/l	99
85) sec-Butylbenzene	11.890	105	182835	16.626	ug/l	99
86) p-Isopropyltoluene	12.006	119	158271	17.153	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	81662	16.991	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	77639	15.504	ug/l	97
89) n-Butylbenzene	12.329	91	124196	15.940	ug/l	99
90) Hexachloroethane	12.536	117	22770	15.361	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	78974	16.260	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10980	16.429	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	46791	16.392	ug/l	97
94) Hexachlorobutadiene	13.725	225	19240	16.187	ug/l	96
95) Naphthalene	13.774	128	161016	17.482	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	46463	15.923	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044605.D
Acq On : 07 Jan 2025 16:29
Operator : JC/MD
Sample : VX0107WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

Quant Time: Jan 08 05:54:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044605.D
Acq On : 07 Jan 2025 16:29
Operator : JC/MD
Sample : VX0107WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS01

Quant Time: Jan 08 05:54:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

