

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044626.D
 Acq On : 08 Jan 2025 14:27
 Operator : JC/MD
 Sample : VX0108WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0108WBSD01

Quant Time: Jan 09 00:29:14 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 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	190547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	330921	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	284416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	149061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	162894	53.019	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.040%			
35) Dibromofluoromethane	5.379	113	112280	49.481	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.960%			
50) Toluene-d8	8.647	98	388160	50.079	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.160%			
62) 4-Bromofluorobenzene	11.079	95	135363	49.478	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	51413	18.648	ug/l	97
3) Chloromethane	1.294	50	51515	18.750	ug/l	100
4) Vinyl Chloride	1.374	62	46688	18.114	ug/l	99
5) Bromomethane	1.593	94	23746	17.786	ug/l	99
6) Chloroethane	1.666	64	26252	17.804	ug/l	99
7) Trichlorofluoromethane	1.874	101	67839	17.677	ug/l	100
8) Diethyl Ether	2.130	74	27949	20.611	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	38848	17.655	ug/l	98
10) Methyl Iodide	2.447	142	52288	17.041	ug/l	98
11) Tert butyl alcohol	2.989	59	37115	98.105	ug/l	98
12) 1,1-Dichloroethene	2.312	96	36839	17.282	ug/l	95
13) Acrolein	2.233	56	46412	92.786	ug/l	100
14) Allyl chloride	2.660	41	65600	18.504	ug/l	98
15) Acrylonitrile	3.062	53	106370	97.626	ug/l	100
16) Acetone	2.380	43	94359	97.444	ug/l	99
17) Carbon Disulfide	2.501	76	69797	15.835	ug/l	98
18) Methyl Acetate	2.703	43	56870	19.898	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	136729	18.717	ug/l	99
20) Methylene Chloride	2.782	84	44776	18.125	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	37872	17.311	ug/l	92
22) Diisopropyl ether	3.757	45	137766	18.903	ug/l	95
23) Vinyl Acetate	3.715	43	569873	96.698	ug/l	100
24) 1,1-Dichloroethane	3.605	63	79279	18.669	ug/l	99
25) 2-Butanone	4.556	43	144845	103.631	ug/l	98
26) 2,2-Dichloropropane	4.465	77	63850	17.391	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	47877	17.947	ug/l	98
28) Bromochloromethane	4.891	49	38864	19.661	ug/l	96
29) Tetrahydrofuran	5.007	42	93921	98.127	ug/l	99
30) Chloroform	5.086	83	84458	18.449	ug/l	100
31) Cyclohexane	5.464	56	62049	17.796	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	71785	18.632	ug/l	99
36) 1,1-Dichloropropene	5.684	75	52882	18.022	ug/l	97
37) Ethyl Acetate	4.721	43	58043	19.337	ug/l	98
38) Carbon Tetrachloride	5.666	117	55654	17.095	ug/l	95
39) Methylcyclohexane	7.373	83	64127	17.128	ug/l	95
40) Benzene	6.031	78	164343	17.789	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044626.D
 Acq On : 08 Jan 2025 14:27
 Operator : JC/MD
 Sample : VX0108WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0108WBSD01

Quant Time: Jan 09 00:29:14 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 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	32847	20.387	ug/l	97
42) 1,2-Dichloroethane	6.080	62	69152	19.140	ug/l	99
43) Isopropyl Acetate	6.336	43	96468	19.481	ug/l	99
44) Trichloroethene	7.116	130	40044	16.956	ug/l	99
45) 1,2-Dichloropropane	7.427	63	41716	18.520	ug/l	98
46) Dibromomethane	7.580	93	31043	17.721	ug/l	98
47) Bromodichloromethane	7.818	83	56463	17.712	ug/l	98
48) Methyl methacrylate	7.696	41	46211	19.565	ug/l	98
49) 1,4-Dioxane	7.665	88	14334	412.991	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	292072	100.898	ug/l	98
52) Toluene	8.714	92	99225	17.800	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	53255	17.477	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	61015	17.817	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	38253	17.504	ug/l	98
56) Ethyl methacrylate	9.116	69	58538	18.419	ug/l	97
57) 1,3-Dichloropropane	9.305	76	70628	19.246	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	144964	92.009	ug/l	99
59) 2-Hexanone	9.433	43	210644	102.894	ug/l	100
60) Dibromochloromethane	9.518	129	37769	17.333	ug/l	100
61) 1,2-Dibromoethane	9.610	107	40477	18.340	ug/l	97
64) Tetrachloroethene	9.269	164	35070	17.440	ug/l	99
65) Chlorobenzene	10.073	112	109389	18.122	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	35390	17.652	ug/l	99
67) Ethyl Benzene	10.189	91	190050	18.334	ug/l	100
68) m/p-Xylenes	10.299	106	142037	37.289	ug/l	97
69) o-Xylene	10.640	106	68740	17.879	ug/l	99
70) Styrene	10.652	104	112092	18.228	ug/l	98
71) Bromoform	10.799	173	21665	16.796	ug/l #	99
73) Isopropylbenzene	10.957	105	178822	16.193	ug/l	99
74) N-amyl acetate	10.841	43	74143	16.546	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	65062	18.278	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	54537m	18.252	ug/l	
77) Bromobenzene	11.195	156	47326	17.641	ug/l	98
78) n-propylbenzene	11.299	91	223640	17.979	ug/l	97
79) 2-Chlorotoluene	11.360	91	143301	17.778	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	171121	18.688	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	13739	13.996	ug/l	88
82) 4-Chlorotoluene	11.451	91	159910	17.635	ug/l	99
83) tert-Butylbenzene	11.713	119	160443	17.597	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	165774	18.023	ug/l	99
85) sec-Butylbenzene	11.890	105	197497	17.786	ug/l	100
86) p-Isopropyltoluene	12.006	119	172949	18.563	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	80029	16.490	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	87561	17.317	ug/l	100
89) n-Butylbenzene	12.329	91	131637	16.732	ug/l	98
90) Hexachloroethane	12.536	117	23024	15.383	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	86623	17.663	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11389	16.877	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	45920	15.932	ug/l	99
94) Hexachlorobutadiene	13.725	225	19470	16.223	ug/l	98
95) Naphthalene	13.774	128	156802	16.861	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	50483	17.134	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044626.D
Acq On : 08 Jan 2025 14:27
Operator : JC/MD
Sample : VX0108WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

Quant Time: Jan 09 00:29:14 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

