

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022725\
 Data File : VX045060.D
 Acq On : 27 Feb 2025 13:47
 Operator : JC/MD
 Sample : VX0227WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 00:41:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	101478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	184943	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79831	53.742	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.480%			
35) Dibromofluoromethane	5.385	113	62927	52.333	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.660%			
50) Toluene-d8	8.647	98	223461	49.146	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.300%			
62) 4-Bromofluorobenzene	11.079	95	78932	51.493	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24563	17.258	ug/l	99
3) Chloromethane	1.313	50	28118	16.232	ug/l	96
4) Vinyl Chloride	1.374	62	28993	17.277	ug/l	100
5) Bromomethane	1.593	94	11087	22.078	ug/l	96
6) Chloroethane	1.666	64	15019	21.216	ug/l	99
7) Trichlorofluoromethane	1.874	101	41586	19.595	ug/l	95
8) Diethyl Ether	2.130	74	15044	19.546	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	23631	18.429	ug/l	99
10) Methyl Iodide	2.441	142	26279	15.813	ug/l	97
11) Tert butyl alcohol	2.977	59	34458	125.040	ug/l	100
12) 1,1-Dichloroethene	2.306	96	23341	17.845	ug/l	92
13) Acrolein	2.239	56	22125	77.816	ug/l	98
14) Allyl chloride	2.654	41	45021	19.046	ug/l	96
15) Acrylonitrile	3.062	53	86394	117.418	ug/l	98
16) Acetone	2.386	43	75675	126.724	ug/l	98
17) Carbon Disulfide	2.502	76	53300	14.860	ug/l	99
18) Methyl Acetate	2.703	43	50946	27.035	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	82874	19.914	ug/l	98
20) Methylene Chloride	2.782	84	28407	19.421	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	23541	18.287	ug/l	92
22) Diisopropyl ether	3.764	45	91650	20.494	ug/l	98
23) Vinyl Acetate	3.721	43	365358	100.211	ug/l	98
24) 1,1-Dichloroethane	3.605	63	49555	19.804	ug/l	98
25) 2-Butanone	4.562	43	125276	129.192	ug/l	97
26) 2,2-Dichloropropane	4.471	77	31342	15.794	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	29933	19.358	ug/l	99
28) Bromochloromethane	4.897	49	24292	20.200	ug/l	98
29) Tetrahydrofuran	5.007	42	79170	122.955	ug/l	98
30) Chloroform	5.093	83	50501	20.810	ug/l	89
31) Cyclohexane	5.458	56	39520	17.131	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	41085	19.960	ug/l	98
36) 1,1-Dichloropropene	5.684	75	32259	18.595	ug/l	99
37) Ethyl Acetate	4.721	43	43555	22.572	ug/l	99
38) Carbon Tetrachloride	5.672	117	33282	19.578	ug/l	98
39) Methylcyclohexane	7.379	83	38825	17.311	ug/l	95
40) Benzene	6.037	78	104891	19.363	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022725\
 Data File : VX045060.D
 Acq On : 27 Feb 2025 13:47
 Operator : JC/MD
 Sample : VX0227WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

Quant Time: Feb 28 00:41:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	24632	23.849	ug/l	98
42) 1,2-Dichloroethane	6.086	62	38142	22.093	ug/l	99
43) Isopropyl Acetate	6.342	43	67707	21.729	ug/l	98
44) Trichloroethene	7.123	130	23767	19.195	ug/l	98
45) 1,2-Dichloropropane	7.427	63	27818	20.641	ug/l	99
46) Dibromomethane	7.580	93	19535	20.902	ug/l	99
47) Bromodichloromethane	7.818	83	38761	21.419	ug/l	99
48) Methyl methacrylate	7.696	41	33507	22.806	ug/l	97
49) 1,4-Dioxane	7.665	88	16097	510.659	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	240789	127.110	ug/l	97
52) Toluene	8.714	92	63271	19.612	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	33154	18.104	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	38853	19.028	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	26235	21.154	ug/l	97
56) Ethyl methacrylate	9.116	69	40767	20.353	ug/l	94
57) 1,3-Dichloropropane	9.305	76	45938	21.170	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	106713	108.504	ug/l	100
59) 2-Hexanone	9.427	43	177265	129.875	ug/l	96
60) Dibromochloromethane	9.519	129	28125	21.205	ug/l	98
61) 1,2-Dibromoethane	9.604	107	26326	20.944	ug/l	98
64) Tetrachloroethene	9.269	164	19648	18.941	ug/l	97
65) Chlorobenzene	10.079	112	69727	19.736	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	22995	20.222	ug/l	99
67) Ethyl Benzene	10.189	91	120675	19.356	ug/l	98
68) m/p-Xylenes	10.299	106	90223	39.231	ug/l	99
69) o-Xylene	10.640	106	44315	19.203	ug/l	96
70) Styrene	10.653	104	75497	20.306	ug/l	98
71) Bromoform	10.799	173	18387	21.666	ug/l #	98
73) Isopropylbenzene	10.963	105	115907	19.009	ug/l	100
74) N-amyl acetate	10.842	43	55729	20.198	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	42689	20.374	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	34207m	20.374	ug/l	
77) Bromobenzene	11.195	156	26774	19.368	ug/l	98
78) n-propylbenzene	11.305	91	132884	18.881	ug/l	100
79) 2-Chlorotoluene	11.360	91	81680	18.884	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	97507	19.706	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10168	15.579	ug/l #	85
82) 4-Chlorotoluene	11.451	91	92083	19.243	ug/l	99
83) tert-Butylbenzene	11.713	119	98127	19.603	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	97685	20.002	ug/l	99
85) sec-Butylbenzene	11.890	105	119401	19.263	ug/l	99
86) p-Isopropyltoluene	12.006	119	97146	19.489	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	49212	19.359	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	47821	18.605	ug/l	98
89) n-Butylbenzene	12.329	91	82314	18.666	ug/l	99
90) Hexachloroethane	12.536	117	16754	17.951	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	49979	20.004	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7993	20.902	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	27431	18.145	ug/l	98
94) Hexachlorobutadiene	13.725	225	11332	18.882	ug/l	97
95) Naphthalene	13.774	128	105565	19.317	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	29008	19.042	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022725\
Data File : VX045060.D
Acq On : 27 Feb 2025 13:47
Operator : JC/MD
Sample : VX0227WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 00:41:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

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

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

