

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
 Data File : VX046189.D
 Acq On : 14 May 2025 13:12
 Operator : JC/MD
 Sample : VX0514WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBSD01

Quant Time: May 15 01:21:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/15/2025
 Supervised By : Mahesh Dadoda 05/15/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	86737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152178	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	134818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	82996	51.325	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.660%			
35) Dibromofluoromethane	5.379	113	56503	51.561	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.120%			
50) Toluene-d8	8.647	98	194251	51.215	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.420%			
62) 4-Bromofluorobenzene	11.079	95	73831	50.747	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25654	19.324	ug/l	97
3) Chloromethane	1.307	50	23629	18.354	ug/l	98
4) Vinyl Chloride	1.374	62	21694	18.106	ug/l	100
5) Bromomethane	1.593	94	9882	17.782	ug/l	95
6) Chloroethane	1.666	64	13073	20.438	ug/l	98
7) Trichlorofluoromethane	1.874	101	34781	19.641	ug/l	99
8) Diethyl Ether	2.136	74	11779	19.540	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	21281	19.420	ug/l	98
10) Methyl Iodide	2.447	142	22546	17.387	ug/l	97
11) Tert butyl alcohol	2.977	59	23236	102.368	ug/l	97
12) 1,1-Dichloroethene	2.313	96	19344	18.808	ug/l	94
13) Acrolein	2.233	56	23824	92.162	ug/l	97
14) Allyl chloride	2.660	41	38510	19.592	ug/l	95
15) Acrylonitrile	3.062	53	66674	102.725	ug/l	98
16) Acetone	2.380	43	66505	102.574	ug/l	98
17) Carbon Disulfide	2.502	76	40575	16.641	ug/l	98
18) Methyl Acetate	2.703	43	32935	21.890	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	72965	20.235	ug/l	99
20) Methylene Chloride	2.782	84	23002	18.513	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	19732	19.078	ug/l	96
22) Diisopropyl ether	3.757	45	77420	20.390	ug/l	92
23) Vinyl Acetate	3.715	43	334635	100.206	ug/l	100
24) 1,1-Dichloroethane	3.605	63	42403	20.051	ug/l	99
25) 2-Butanone	4.556	43	98812	104.976	ug/l	100
26) 2,2-Dichloropropane	4.471	77	27978	16.903	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	24603	19.759	ug/l	99
28) Bromochloromethane	4.891	49	23381	22.969	ug/l	96
29) Tetrahydrofuran	5.001	42	63216	107.176	ug/l	98
30) Chloroform	5.086	83	45318	20.559	ug/l	99
31) Cyclohexane	5.464	56	36605	18.995	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	37021	19.375	ug/l	100
36) 1,1-Dichloropropene	5.690	75	27617	18.757	ug/l	98
37) Ethyl Acetate	4.715	43	36995	20.337	ug/l	98
38) Carbon Tetrachloride	5.672	117	31734	19.182	ug/l	96
39) Methylcyclohexane	7.373	83	34444	18.171	ug/l	92
40) Benzene	6.031	78	85349	19.790	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
 Data File : VX046189.D
 Acq On : 14 May 2025 13:12
 Operator : JC/MD
 Sample : VX0514WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/15/2025
 Supervised By : Mahesh Dadoda 05/15/2025

Quant Time: May 15 01:21:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	20110	21.133	ug/l	95
42) 1,2-Dichloroethane	6.080	62	38313	20.584	ug/l	99
43) Isopropyl Acetate	6.336	43	56897	20.502	ug/l	98
44) Trichloroethene	7.123	130	20138	19.401	ug/l	94
45) 1,2-Dichloropropane	7.427	63	22258	20.756	ug/l	94
46) Dibromomethane	7.580	93	17270	20.419	ug/l	99
47) Bromodichloromethane	7.818	83	34342	20.615	ug/l	96
48) Methyl methacrylate	7.690	41	28820	20.334	ug/l	99
49) 1,4-Dioxane	7.659	88	12361	459.333	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	194328	105.491	ug/l	99
52) Toluene	8.714	92	52577	19.882	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	27856	18.813	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	32143	19.641	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	21380	20.504	ug/l	97
56) Ethyl methacrylate	9.116	69	33882	20.388	ug/l	98
57) 1,3-Dichloropropane	9.305	76	37749	20.158	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	93482	110.335	ug/l	99
59) 2-Hexanone	9.427	43	143704	105.443	ug/l	100
60) Dibromochloromethane	9.519	129	23268	20.319	ug/l	100
61) 1,2-Dibromoethane	9.610	107	22257	20.537	ug/l	99
64) Tetrachloroethene	9.269	164	17833	18.695	ug/l	96
65) Chlorobenzene	10.079	112	56820	19.256	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	19619	19.471	ug/l	99
67) Ethyl Benzene	10.189	91	100759	19.371	ug/l	98
68) m/p-Xylenes	10.299	106	73672	38.725	ug/l	96
69) o-Xylene	10.640	106	36254	19.547	ug/l	94
70) Styrene	10.653	104	61536	20.254	ug/l	100
71) Bromoform	10.799	173	14026	18.541	ug/l #	96
73) Isopropylbenzene	10.957	105	96342	19.543	ug/l	99
74) N-amyl acetate	10.842	43	47260	19.400	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	34677	20.073	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	29819m	19.564	ug/l	
77) Bromobenzene	11.195	156	22021	19.240	ug/l	99
78) n-propylbenzene	11.299	91	111324	19.421	ug/l	99
79) 2-Chlorotoluene	11.360	91	71121	19.236	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	82919	20.133	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7641	16.321	ug/l	92
82) 4-Chlorotoluene	11.451	91	80060	19.526	ug/l	99
83) tert-Butylbenzene	11.713	119	81310	19.600	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	82930	19.884	ug/l	99
85) sec-Butylbenzene	11.890	105	100388	19.708	ug/l	99
86) p-Isopropyltoluene	12.006	119	80992	19.263	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	40364	19.324	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	41455	19.433	ug/l	98
89) n-Butylbenzene	12.329	91	68723	18.634	ug/l	100
90) Hexachloroethane	12.536	117	13745	18.556	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	41961	20.019	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7652	19.994	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	21846	18.146	ug/l	98
94) Hexachlorobutadiene	13.725	225	10028	19.072	ug/l	98
95) Naphthalene	13.774	128	82437	18.670	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	23336	18.786	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
Data File : VX046189.D
Acq On : 14 May 2025 13:12
Operator : JC/MD
Sample : VX0514WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

Quant Time: May 15 01:21:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

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

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

