

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021025\
 Data File : VX044889.D
 Acq On : 10 Feb 2025 18:46
 Operator : JC/MD
 Sample : Q1250-07MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-GW-360-362MS

Quant Time: Feb 11 06:09:49 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 02/11/2025
 Supervised By : Mahesh Dadoda 02/11/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	123128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	231125	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	204212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	88501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91481	50.756	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.520%			
35) Dibromofluoromethane	5.379	113	73700	49.045	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.100%			
50) Toluene-d8	8.647	98	281430	49.527	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.060%			
62) 4-Bromofluorobenzene	11.079	95	94372	49.264	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	82055	47.515	ug/l	97
3) Chloromethane	1.300	50	97167	46.230	ug/l	99
4) Vinyl Chloride	1.374	62	92976	45.661	ug/l	100
5) Bromomethane	1.593	94	28973	47.550	ug/l	95
6) Chloroethane	1.666	64	41241	52.759	ug/l	98
7) Trichlorofluoromethane	1.867	101	120967	46.977	ug/l	99
8) Diethyl Ether	2.130	74	43276	46.341	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	73586	47.298	ug/l	100
10) Methyl Iodide	2.440	142	97201	48.206	ug/l	98
11) Tert butyl alcohol	2.983	59	70091	209.621	ug/l	100
12) 1,1-Dichloroethene	2.312	96	73481	46.301	ug/l	97
13) Acrolein	2.233	56	90591	262.593	ug/l	100
14) Allyl chloride	2.654	41	132478	46.189	ug/l	99
15) Acrylonitrile	3.062	53	224566	251.541	ug/l	98
16) Acetone	2.386	43	177729	245.289	ug/l	99
17) Carbon Disulfide	2.501	76	199495	45.841	ug/l	99
18) Methyl Acetate	2.703	43	110048	48.130	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	240895	47.708	ug/l	99
20) Methylene Chloride	2.782	84	83479	47.037	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	74671	47.806	ug/l	97
22) Diisopropyl ether	3.757	45	264679	48.778	ug/l	96
23) Vinyl Acetate	3.715	43	1057596	239.073	ug/l	100
24) 1,1-Dichloroethane	3.605	63	144670	47.649	ug/l	99
25) 2-Butanone	4.556	43	296198	251.748	ug/l	96
26) 2,2-Dichloropropane	4.464	77	103746	43.088	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	89974	47.956	ug/l	97
28) Bromochloromethane	4.891	49	65142	44.645	ug/l	100
29) Tetrahydrofuran	5.001	42	197129	252.319	ug/l	99
30) Chloroform	5.086	83	139323	47.317	ug/l	99
31) Cyclohexane	5.458	56	128869	46.040	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	117591	47.083	ug/l	99
36) 1,1-Dichloropropene	5.684	75	96760	44.631	ug/l	99
37) Ethyl Acetate	4.708	43	112772	46.766	ug/l	100
38) Carbon Tetrachloride	5.672	117	95680	45.036	ug/l	97
39) Methylcyclohexane	7.372	83	127250	45.400	ug/l	98
40) Benzene	6.031	78	314324	46.431	ug/l	100

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41) Methacrylonitrile	4.916	41	65634	50.850	ug/l	99
42) 1,2-Dichloroethane	6.080	62	102669	47.585	ug/l	99
43) Isopropyl Acetate	6.336	43	187385	48.121	ug/l	100
44) Trichloroethene	7.123	130	70570	45.606	ug/l	98
45) 1,2-Dichloropropane	7.427	63	78734	46.748	ug/l	98
46) Dibromomethane	7.580	93	54702	46.834	ug/l	99
47) Bromodichloromethane	7.818	83	107934	47.725	ug/l	99
48) Methyl methacrylate	7.689	41	89926	48.977	ug/l	99
49) 1,4-Dioxane	7.665	88	31394	796.936	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	601696	254.162	ug/l	100
52) Toluene	8.714	92	191243	47.434	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	107616	47.022	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	119963	47.013	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	75399	48.649	ug/l	99
56) Ethyl methacrylate	9.116	69	123989	49.533	ug/l	99
57) 1,3-Dichloropropane	9.305	76	129127	47.617	ug/l	100
59) 2-Hexanone	9.427	43	437808	256.671	ug/l	98
60) Dibromochloromethane	9.518	129	78936	47.623	ug/l	100
61) 1,2-Dibromoethane	9.604	107	76055	48.416	ug/l	98
64) Tetrachloroethene	9.268	164	58587	45.492	ug/l	98
65) Chlorobenzene	10.073	112	204531	46.631	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	65870	46.658	ug/l	99
67) Ethyl Benzene	10.189	91	363594	46.975	ug/l	100
68) m/p-Xylenes	10.299	106	266906	93.479	ug/l	99
69) o-Xylene	10.640	106	133718	46.673	ug/l	100
70) Styrene	10.652	104	221197	47.922	ug/l	99
71) Bromoform	10.799	173	49913	47.374	ug/l #	100
73) Isopropylbenzene	10.957	105	334595	46.954	ug/l	99
74) N-amyl acetate	10.841	43	157343	48.794	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	115362	47.112	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	93822m	47.815	ug/l	
77) Bromobenzene	11.195	156	77066	47.702	ug/l	100
78) n-propylbenzene	11.299	91	390455	47.471	ug/l	100
79) 2-Chlorotoluene	11.360	91	233573	46.206	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	271315	46.918	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	35083	45.993	ug/l	98
82) 4-Chlorotoluene	11.451	91	263946	47.195	ug/l	100
83) tert-Butylbenzene	11.713	119	273377	46.731	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	272720	47.783	ug/l	100
85) sec-Butylbenzene	11.890	105	340583	47.015	ug/l	99
86) p-Isopropyltoluene	12.006	119	272720	46.815	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	136636	45.991	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	135861	45.228	ug/l	99
89) n-Butylbenzene	12.329	91	240954	46.753	ug/l	100
90) Hexachloroethane	12.536	117	48519	44.480	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	138655	47.486	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21828	48.842	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	79662	45.087	ug/l	98
94) Hexachlorobutadiene	13.725	225	28758	41.001	ug/l	97
95) Naphthalene	13.774	128	307033	48.072	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	81601	45.834	ug/l	99

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

