

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
 Data File : VX044852.D
 Acq On : 05 Feb 2025 18:32
 Operator : JC/MD
 Sample : Q1250-07MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Feb 06 04:42:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025
 Supervised By :Semsettin Yesilyurt 02/06/2025

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	118416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	220881	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	194287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	84620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86749	48.534	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.060%		
35) Dibromofluoromethane	5.385	113	72009	51.317	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.640%		
50) Toluene-d8	8.646	98	267337	54.639	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	109.280%		
62) 4-Bromofluorobenzene	11.079	95	91188	49.994	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	75179	47.180	ug/l	99
3) Chloromethane	1.300	50	89214	51.774	ug/l	97
4) Vinyl Chloride	1.373	62	89953	52.834	ug/l	99
5) Bromomethane	1.593	94	26213	64.479	ug/l	95
6) Chloroethane	1.660	64	31926	102.256	ug/l	96
7) Trichlorofluoromethane	1.867	101	118975	63.227	ug/l	100
8) Diethyl Ether	2.135	74	44032	57.984	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.318	101	80926	57.211	ug/l	97
10) Methyl Iodide	2.440	142	107943	55.894	ug/l	98
11) Tert butyl alcohol	2.989	59	79560	199.664	ug/l #	85
12) 1,1-Dichloroethene	2.306	96	79617	57.422	ug/l	96
13) Acrolein	2.239	56	52449	279.707	ug/l	97
14) Allyl chloride	2.654	41	139553	51.694	ug/l	97
15) Acrylonitrile	3.062	53	233231	298.423	ug/l	100
16) Acetone	2.385	43	209786	296.656	ug/l	100
17) Carbon Disulfide	2.501	76	196102	51.832	ug/l	99
18) Methyl Acetate	2.702	43	127524	58.451	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	253244	50.426	ug/l	96
20) Methylene Chloride	2.782	84	85028	51.631	ug/l	96
21) trans-1,2-Dichloroethene	3.086	96	73933	51.073	ug/l	97
22) Diisopropyl ether	3.757	45	269117	57.348	ug/l	97
23) Vinyl Acetate	3.714	43	1012355	246.474	ug/l	98
24) 1,1-Dichloroethane	3.605	63	146552	52.663	ug/l	99
25) 2-Butanone	4.556	43	309073	293.955	ug/l	96
26) 2,2-Dichloropropane	4.470	77	101572	37.661	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	92074	50.566	ug/l	96
28) Bromochloromethane	4.891	49	71797	55.213	ug/l	91
29) Tetrahydrofuran	5.007	42	198967	293.374	ug/l	97
30) Chloroform	5.086	83	141477	50.377	ug/l	96
31) Cyclohexane	5.458	56	124635	55.376	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	121060	46.890	ug/l	99
36) 1,1-Dichloropropene	5.684	75	96884	49.599	ug/l	99
37) Ethyl Acetate	4.708	43	108992	52.396	ug/l	97
38) Carbon Tetrachloride	5.671	117	99461	45.268	ug/l	100
39) Methylcyclohexane	7.378	83	122788	47.353	ug/l	98
40) Benzene	6.031	78	318188	52.568	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	67492	55.681	ug/l	97
42) 1,2-Dichloroethane	6.080	62	104554	47.327	ug/l	99
43) Isopropyl Acetate	6.336	43	191399	50.017	ug/l	97
44) Trichloroethene	7.122	130	72431	49.776	ug/l	97
45) 1,2-Dichloropropane	7.421	63	79994	52.503	ug/l	100
46) Dibromomethane	7.573	93	56535	48.743	ug/l	99
47) Bromodichloromethane	7.817	83	111037	46.681	ug/l	100
48) Methyl methacrylate	7.689	41	93119	52.424	ug/l	99
49) 1,4-Dioxane	7.665	88	34578	933.047	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	618327	292.392	ug/l	98
52) Toluene	8.713	92	194355	52.461	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	111418	45.338	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	122171	45.848	ug/l	96
55) 1,1,2-Trichloroethane	9.146	97	77824	51.921	ug/l	98
56) Ethyl methacrylate	9.116	69	129034	50.067	ug/l	99
57) 1,3-Dichloropropane	9.305	76	132969	52.095	ug/l	99
59) 2-Hexanone	9.427	43	453032	291.188	ug/l	99
60) Dibromochloromethane	9.518	129	82309	46.786	ug/l	100
61) 1,2-Dibromoethane	9.604	107	76751	48.861	ug/l	98
64) Tetrachloroethene	9.268	164	58760	48.164	ug/l	97
65) Chlorobenzene	10.073	112	208813	50.600	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	68539	45.700	ug/l	99
67) Ethyl Benzene	10.189	91	369097	51.259	ug/l	97
68) m/p-Xylenes	10.299	106	274816	102.848	ug/l	98
69) o-Xylene	10.640	106	136420	50.484	ug/l	99
70) Styrene	10.652	104	225741	51.741	ug/l	97
71) Bromoform	10.798	173	52436	42.957	ug/l #	99
73) Isopropylbenzene	10.957	105	341314	49.374	ug/l	99
74) N-amyl acetate	10.841	43	156399	45.901	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	120819	50.604	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	96572m	47.026	ug/l	
77) Bromobenzene	11.195	156	77827	48.167	ug/l	97
78) n-propylbenzene	11.298	91	395215	51.841	ug/l	99
79) 2-Chlorotoluene	11.359	91	238612	48.453	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	276700	49.169	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	37527	41.789	ug/l	97
82) 4-Chlorotoluene	11.451	91	267217	49.533	ug/l	99
83) tert-Butylbenzene	11.713	119	278255	47.288	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	276163	48.292	ug/l	99
85) sec-Butylbenzene	11.890	105	341109	49.788	ug/l	99
86) p-Isopropyltoluene	12.006	119	277602	49.304	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	140133	50.009	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	138552	48.912	ug/l	99
89) n-Butylbenzene	12.329	91	240088	49.646	ug/l	98
90) Hexachloroethane	12.536	117	51645	40.506	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	141290	49.098	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	23277	39.865	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	80770	46.951	ug/l	99
94) Hexachlorobutadiene	13.725	225	25840	38.239	ug/l	99
95) Naphthalene	13.774	128	322360	48.585	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	82387	46.202	ug/l	97

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

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