

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044615.D
 Acq On : 08 Jan 2025 10:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 09 00:23:49 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	185177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	315703	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	269260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	141072	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	129910	43.510	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.020%
35) Dibromofluoromethane	5.373	113	91296	42.173	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.340%
50) Toluene-d8	8.641	98	313570	42.405	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	84.820%#
62) 4-Bromofluorobenzene	11.079	95	111957	42.895	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	85.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	143884	53.701	ug/l	99
3) Chloromethane	1.294	50	130028	48.699	ug/l	99
4) Vinyl Chloride	1.374	62	125372	50.053	ug/l	97
5) Bromomethane	1.599	94	63389	48.856	ug/l	96
6) Chloroethane	1.666	64	72582	50.653	ug/l	98
7) Trichlorofluoromethane	1.873	101	193615	51.913	ug/l	100
8) Diethyl Ether	2.130	74	73243	55.579	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.319	101	106546	49.826	ug/l	99
10) Methyl Iodide	2.447	142	140812	47.223	ug/l	97
11) Tert butyl alcohol	2.995	59	91987	250.198	ug/l	100
12) 1,1-Dichloroethene	2.312	96	96924	46.787	ug/l	94
13) Acrolein	2.233	56	141479	291.046	ug/l	99
14) Allyl chloride	2.654	41	170590	49.514	ug/l	97
15) Acrylonitrile	3.062	53	272501	257.354	ug/l	99
16) Acetone	2.380	43	248767	264.351	ug/l	99
17) Carbon Disulfide	2.508	76	219364	51.210	ug/l	99
18) Methyl Acetate	2.697	43	141373	50.898	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	347843	48.996	ug/l	98
20) Methylene Chloride	2.782	84	111927	46.621	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	100953	47.482	ug/l	95
22) Diisopropyl ether	3.757	45	347271	49.032	ug/l	93
23) Vinyl Acetate	3.715	43	1518295	265.101	ug/l	99
24) 1,1-Dichloroethane	3.599	63	198952	48.209	ug/l	98
25) 2-Butanone	4.550	43	374323	275.581	ug/l	96
26) 2,2-Dichloropropane	4.465	77	175929	49.307	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	120628	46.529	ug/l	97
28) Bromochloromethane	4.885	49	95347	49.634	ug/l	98
29) Tetrahydrofuran	4.995	42	235815	253.520	ug/l	99
30) Chloroform	5.086	83	209270	47.038	ug/l	98
31) Cyclohexane	5.458	56	165123	48.733	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	188751	50.413	ug/l	98
36) 1,1-Dichloropropene	5.684	75	136069	48.608	ug/l	99
37) Ethyl Acetate	4.708	43	151059	52.752	ug/l	99
38) Carbon Tetrachloride	5.665	117	154726	49.817	ug/l	96
39) Methylcyclohexane	7.373	83	179712	50.314	ug/l	98
40) Benzene	6.025	78	408603	46.359	ug/l	99

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41) Methacrylonitrile	4.916	41	82510	53.679	ug/l	97
42) 1,2-Dichloroethane	6.074	62	173322	50.284	ug/l	100
43) Isopropyl Acetate	6.336	43	243898	51.627	ug/l	99
44) Trichloroethene	7.116	130	101048	44.850	ug/l	96
45) 1,2-Dichloropropane	7.421	63	103793	48.301	ug/l	97
46) Dibromomethane	7.574	93	81024	48.482	ug/l	98
47) Bromodichloromethane	7.818	83	153791	50.569	ug/l	95
48) Methyl methacrylate	7.690	41	121255	53.813	ug/l	99
49) 1,4-Dioxane	7.659	88	33036	997.714	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	743580	269.257	ug/l	99
52) Toluene	8.714	92	252542	47.488	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	148998	51.255	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	163532	50.054	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	97985	46.999	ug/l	96
56) Ethyl methacrylate	9.110	69	154322	50.898	ug/l	98
57) 1,3-Dichloropropane	9.305	76	171049	48.858	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	371376	247.074	ug/l	99
59) 2-Hexanone	9.427	43	538943	275.949	ug/l	99
60) Dibromochloromethane	9.518	129	108381	52.136	ug/l	99
61) 1,2-Dibromoethane	9.604	107	103298	49.059	ug/l	99
64) Tetrachloroethene	9.269	164	88884	46.689	ug/l	98
65) Chlorobenzene	10.073	112	268985	47.069	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.159	131	93984	49.517	ug/l	100
67) Ethyl Benzene	10.189	91	478826	48.793	ug/l	99
68) m/p-Xylenes	10.299	106	358247	99.345	ug/l	99
69) o-Xylene	10.640	106	175420	48.195	ug/l	99
70) Styrene	10.652	104	290914	49.970	ug/l	100
71) Bromoform	10.799	173	65781	49.507	ug/l #	97
73) Isopropylbenzene	10.957	105	460139	44.026	ug/l	100
74) N-amyl acetate	10.841	43	201678	47.556	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	164502	48.830	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	137259m	48.537	ug/l	
77) Bromobenzene	11.195	156	122181	48.123	ug/l	98
78) n-propylbenzene	11.299	91	597685	50.771	ug/l	99
79) 2-Chlorotoluene	11.360	91	356792	46.771	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	426919	49.265	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	44334	47.721	ug/l	98
82) 4-Chlorotoluene	11.451	91	407956	47.537	ug/l	97
83) tert-Butylbenzene	11.713	119	423897	49.126	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	429596	49.350	ug/l	100
85) sec-Butylbenzene	11.890	105	523251	49.791	ug/l	100
86) p-Isopropyltoluene	12.006	119	439013	49.788	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	220974	48.111	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	226749	47.384	ug/l	99
89) n-Butylbenzene	12.329	91	378051	50.775	ug/l	99
90) Hexachloroethane	12.536	117	69254	48.891	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	215723	46.479	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	32448	50.806	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	132128	48.437	ug/l	98
94) Hexachlorobutadiene	13.725	225	55247	48.639	ug/l	100
95) Naphthalene	13.774	128	448342	50.939	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	136785	49.053	ug/l	99

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

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