

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044632.D
 Acq On : 08 Jan 2025 16:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 09 00:32:44 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	184936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	325557	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	277656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	127686	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	157633	52.864	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.720%
35) Dibromofluoromethane	5.379	113	111391	49.898	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.800%
50) Toluene-d8	8.647	98	376626	49.391	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.780%
62) 4-Bromofluorobenzene	11.079	95	133920	49.757	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.520%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	132268	49.430	ug/l	94
3) Chloromethane	1.294	50	125030	46.888	ug/l	97
4) Vinyl Chloride	1.374	62	121530	48.583	ug/l	99
5) Bromomethane	1.599	94	60933	47.025	ug/l	97
6) Chloroethane	1.666	64	60353	42.174	ug/l	94
7) Trichlorofluoromethane	1.874	101	187008	50.207	ug/l	97
8) Diethyl Ether	2.136	74	73485	55.835	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.319	101	100845	47.221	ug/l	100
10) Methyl Iodide	2.447	142	135392	45.465	ug/l	99
11) Tert butyl alcohol	3.001	59	88711	241.602	ug/l	99
12) 1,1-Dichloroethene	2.313	96	96013	46.408	ug/l	96
13) Acrolein	2.233	56	126356	260.274	ug/l	99
14) Allyl chloride	2.654	41	173142	50.320	ug/l	98
15) Acrylonitrile	3.062	53	265379	250.954	ug/l	99
16) Acetone	2.386	43	240658	256.067	ug/l	100
17) Carbon Disulfide	2.502	76	198965	46.509	ug/l	98
18) Methyl Acetate	2.703	43	142106	51.229	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	362333	51.104	ug/l	100
20) Methylene Chloride	2.782	84	114856	47.903	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	101616	47.856	ug/l	94
22) Diisopropyl ether	3.757	45	364435	51.523	ug/l	96
23) Vinyl Acetate	3.721	43	1548455	270.719	ug/l	99
24) 1,1-Dichloroethane	3.605	63	202852	49.218	ug/l	98
25) 2-Butanone	4.556	43	365016	269.079	ug/l	98
26) 2,2-Dichloropropane	4.465	77	174731	49.035	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	124576	48.115	ug/l	99
28) Bromochloromethane	4.891	49	88517	46.138	ug/l	96
29) Tetrahydrofuran	5.001	42	235642	253.664	ug/l	99
30) Chloroform	5.086	83	218562	49.190	ug/l	96
31) Cyclohexane	5.464	56	161187	47.633	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	187038	50.020	ug/l	99
36) 1,1-Dichloropropene	5.684	75	137202	47.529	ug/l	99
37) Ethyl Acetate	4.715	43	153402	51.949	ug/l	99
38) Carbon Tetrachloride	5.672	117	151270	47.230	ug/l	97
39) Methylcyclohexane	7.373	83	168723	45.807	ug/l	98
40) Benzene	6.031	78	423333	46.577	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	84241	53.147	ug/l	97
42) 1,2-Dichloroethane	6.080	62	181471	51.054	ug/l	100
43) Isopropyl Acetate	6.336	43	252056	51.738	ug/l	100
44) Trichloroethene	7.117	130	104862	45.134	ug/l	95
45) 1,2-Dichloropropane	7.421	63	104824	47.304	ug/l	96
46) Dibromomethane	7.580	93	81797	47.463	ug/l	99
47) Bromodichloromethane	7.818	83	154514	49.269	ug/l	99
48) Methyl methacrylate	7.690	41	124069	53.395	ug/l	98
49) 1,4-Dioxane	7.665	88	35710	1045.827	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	754659	264.998	ug/l	100
52) Toluene	8.714	92	263883	48.119	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	152339	50.818	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	168873	50.125	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	102969	47.895	ug/l	98
56) Ethyl methacrylate	9.116	69	163454	52.278	ug/l	97
57) 1,3-Dichloropropane	9.305	76	178986	49.578	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	410856	265.067	ug/l	100
59) 2-Hexanone	9.427	43	547525	271.857	ug/l	100
60) Dibromochloromethane	9.519	129	107523	50.158	ug/l	99
61) 1,2-Dibromoethane	9.604	107	106287	48.951	ug/l	98
64) Tetrachloroethene	9.269	164	89900	45.795	ug/l	97
65) Chlorobenzene	10.079	112	281148	47.710	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	97834	49.987	ug/l	98
67) Ethyl Benzene	10.189	91	495483	48.964	ug/l	100
68) m/p-Xylenes	10.299	106	365549	98.305	ug/l	99
69) o-Xylene	10.640	106	180593	48.116	ug/l	100
70) Styrene	10.653	104	302799	50.439	ug/l	99
71) Bromoform	10.799	173	63779	46.807	ug/l #	100
73) Isopropylbenzene	10.957	105	475692	50.285	ug/l	99
74) N-amyl acetate	10.842	43	208680	54.366	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	152031	49.859	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	129691m	50.669	ug/l	
77) Bromobenzene	11.195	156	113272	49.291	ug/l	96
78) n-propylbenzene	11.299	91	539610	50.643	ug/l	100
79) 2-Chlorotoluene	11.360	91	331131	47.958	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	391435	49.906	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	42219	50.209	ug/l	98
82) 4-Chlorotoluene	11.451	91	382965	49.303	ug/l	100
83) tert-Butylbenzene	11.713	119	394659	50.532	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	396597	50.336	ug/l	99
85) sec-Butylbenzene	11.890	105	475833	50.026	ug/l	99
86) p-Isopropyltoluene	12.006	119	402217	50.397	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	197371	47.478	ug/l	97
88) 1,4-Dichlorobenzene	12.036	146	200755	46.350	ug/l	99
89) n-Butylbenzene	12.329	91	343513	50.973	ug/l	99
90) Hexachloroethane	12.536	117	61200	47.734	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	203709	48.492	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	29331	50.740	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	141214	57.195	ug/l	100
94) Hexachlorobutadiene	13.725	225	55842	54.317	ug/l	98
95) Naphthalene	13.774	128	492683	61.846	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	146420	58.013	ug/l	99

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

