

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044576.D
 Acq On : 31 Dec 2024 13:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 01 01:40:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/02/2025
 Supervised By : Mahesh Dadoda 01/02/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	140960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	225685	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	97576	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	97535	39.464	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	78.920%
35) Dibromofluoromethane	5.385	113	77928	49.856	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.720%
50) Toluene-d8	8.647	98	260069	49.317	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.640%
62) 4-Bromofluorobenzene	11.079	95	92627	50.269	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.540%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	103892	47.666	ug/l	99
3) Chloromethane	1.294	50	95257	45.702	ug/l	97
4) Vinyl Chloride	1.374	62	98020	45.141	ug/l	100
5) Bromomethane	1.593	94	67095	43.554	ug/l	99
6) Chloroethane	1.660	64	61308	45.342	ug/l	97
7) Trichlorofluoromethane	1.868	101	177449	41.743	ug/l	100
8) Diethyl Ether	2.130	74	67246	46.343	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.313	101	100576	58.469	ug/l	96
10) Methyl Iodide	2.441	142	130181	57.421	ug/l	96
11) Tert butyl alcohol	2.995	59	69968	200.872	ug/l	99
12) 1,1-Dichloroethene	2.307	96	93531	59.197	ug/l	97
13) Acrolein	2.233	56	174525	346.137	ug/l	99
14) Allyl chloride	2.654	41	125491	47.685	ug/l	98
15) Acrylonitrile	3.069	53	220918	228.963	ug/l	98
16) Acetone	2.386	43	243176	241.344	ug/l	97
17) Carbon Disulfide	2.495	76	180172	59.990	ug/l	99
18) Methyl Acetate	2.703	43	115058	44.288	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	275680	44.712	ug/l	99
20) Methylene Chloride	2.782	84	91018	48.094	ug/l	93
21) trans-1,2-Dichloroethene	3.081	96	82914	49.377	ug/l	96
22) Diisopropyl ether	3.764	45	262179	44.241	ug/l	97
23) Vinyl Acetate	3.721	43	1169124	242.662	ug/l	98
24) 1,1-Dichloroethane	3.605	63	158925	48.111	ug/l	99
25) 2-Butanone	4.562	43	311632	217.555	ug/l	98
26) 2,2-Dichloropropane	4.465	77	127921	47.668	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	100532	47.140	ug/l	95
28) Bromochloromethane	4.891	49	62889	38.824	ug/l	90
29) Tetrahydrofuran	5.007	42	202782	220.552	ug/l	99
30) Chloroform	5.086	83	170222	45.865	ug/l	97
31) Cyclohexane	5.458	56	126907	47.576	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	148300	48.137	ug/l	99
36) 1,1-Dichloropropene	5.684	75	106678	52.798	ug/l	98
37) Ethyl Acetate	4.715	43	127358	50.993	ug/l	98
38) Carbon Tetrachloride	5.666	117	121006	55.628	ug/l	95
39) Methylcyclohexane	7.373	83	142252	58.893	ug/l	96
40) Benzene	6.031	78	337023	54.939	ug/l	99

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41) Methacrylonitrile	4.922	41	68596	51.723	ug/l	99
42) 1,2-Dichloroethane	6.080	62	128562	50.875	ug/l	97
43) Isopropyl Acetate	6.342	43	201793	51.693	ug/l	98
44) Trichloroethene	7.123	130	86732	56.695	ug/l	92
45) 1,2-Dichloropropane	7.421	63	81441	51.964	ug/l	97
46) Dibromomethane	7.580	93	66665	54.828	ug/l	91
47) Bromodichloromethane	7.818	83	117575	55.991	ug/l	97
48) Methyl methacrylate	7.690	41	95572	50.435	ug/l	96
49) 1,4-Dioxane	7.659	88	27411	872.476	ug/l #	71
51) 4-Methyl-2-Pentanone	8.574	43	641305	255.503	ug/l	98
52) Toluene	8.714	92	207232	53.794	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	118338	52.328	ug/l	95
54) cis-1,3-Dichloropropene	8.360	75	128135	56.041	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	84959	55.514	ug/l	97
56) Ethyl methacrylate	9.116	69	130921	54.188	ug/l	97
57) 1,3-Dichloropropane	9.305	76	140059	52.578	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	274133	224.961	ug/l	98
59) 2-Hexanone	9.433	43	474933	261.415	ug/l	98
60) Dibromochloromethane	9.519	129	89535	54.879	ug/l	98
61) 1,2-Dibromoethane	9.610	107	90037	57.798	ug/l	97
64) Tetrachloroethene	9.269	164	78034	59.260	ug/l	98
65) Chlorobenzene	10.079	112	235032	55.285	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	80153	58.664	ug/l	98
67) Ethyl Benzene	10.189	91	400163	54.478	ug/l	98
68) m/p-Xylenes	10.299	106	303741	112.691	ug/l	95
69) o-Xylene	10.640	106	150613	55.227	ug/l	95
70) Styrene	10.653	104	247655	56.647	ug/l	97
71) Bromoform	10.799	173	56502	57.985	ug/l #	99
73) Isopropylbenzene	10.963	105	392941	52.604	ug/l	99
74) N-ethyl acetate	10.842	43	167165	48.422	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	128112	49.378	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	104703m	48.059	ug/l	
77) Bromobenzene	11.195	156	98184	54.204	ug/l	92
78) n-propylbenzene	11.305	91	442694	53.620	ug/l	98
79) 2-Chlorotoluene	11.366	91	265615	49.746	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	323069	52.153	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	33990	45.297	ug/l	98
82) 4-Chlorotoluene	11.451	91	301813	51.045	ug/l	98
83) tert-Butylbenzene	11.713	119	326099	53.267	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	327138	53.774	ug/l	97
85) sec-Butylbenzene	11.890	105	397663	53.507	ug/l	98
86) p-Isopropyltoluene	12.006	119	341208	55.160	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	175836	55.573	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	176047	54.125	ug/l	98
89) n-Butylbenzene	12.329	91	284584	54.712	ug/l	99
90) Hexachloroethane	12.536	117	51267	56.776	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	176325	53.670	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	24434	48.513	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	107249	59.544	ug/l	99
94) Hexachlorobutadiene	13.725	225	45565	62.892	ug/l	99
95) Naphthalene	13.774	128	364180	51.798	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	109714	57.429	ug/l	98

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

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