

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044375.D
 Acq On : 18 Dec 2024 11:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 19 00:40:53 2024
 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 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	145222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	244425	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	212426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	100489	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	107787	42.332	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.660%
35) Dibromofluoromethane	5.379	113	83132	49.107	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.220%
50) Toluene-d8	8.647	98	284482	49.811	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.620%
62) 4-Bromofluorobenzene	11.079	95	101069	50.645	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	116148	51.725	ug/l	96
3) Chloromethane	1.295	50	104547	48.687	ug/l	99
4) Vinyl Chloride	1.374	62	107961	48.260	ug/l	99
5) Bromomethane	1.593	94	69033	43.497	ug/l	98
6) Chloroethane	1.666	64	71760	51.515	ug/l	100
7) Trichlorofluoromethane	1.868	101	185191	42.285	ug/l	98
8) Diethyl Ether	2.130	74	62582	41.863	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.313	101	89093	50.273	ug/l	97
10) Methyl Iodide	2.441	142	114340	48.954	ug/l	97
11) Tert butyl alcohol	2.989	59	82750	230.596	ug/l	97
12) 1,1-Dichloroethene	2.307	96	82169	50.480	ug/l	97
13) Acrolein	2.233	56	116572	224.413	ug/l	100
14) Allyl chloride	2.654	41	136530	50.357	ug/l	99
15) Acrylonitrile	3.063	53	229722	231.100	ug/l	99
16) Acetone	2.386	43	216281	208.352	ug/l	96
17) Carbon Disulfide	2.502	76	175625	56.760	ug/l	98
18) Methyl Acetate	2.703	43	120549	45.040	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	295317	46.491	ug/l	99
20) Methylene Chloride	2.782	84	93400	47.904	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	86210	49.833	ug/l	97
22) Diisopropyl ether	3.758	45	285517	46.766	ug/l	95
23) Vinyl Acetate	3.715	43	1267305	255.320	ug/l	99
24) 1,1-Dichloroethane	3.599	63	163171	47.946	ug/l	99
25) 2-Butanone	4.556	43	326836	221.473	ug/l	99
26) 2,2-Dichloropropane	4.465	77	145905	52.773	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	105020	47.800	ug/l	97
28) Bromochloromethane	4.891	49	77185	46.252	ug/l	99
29) Tetrahydrofuran	5.001	42	207544	219.106	ug/l	99
30) Chloroform	5.087	83	173750	45.441	ug/l	98
31) Cyclohexane	5.458	56	138763	50.494	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	155612	49.028	ug/l	99
36) 1,1-Dichloropropene	5.684	75	114333	52.248	ug/l	99
37) Ethyl Acetate	4.715	43	133879	49.494	ug/l	98
38) Carbon Tetrachloride	5.666	117	126452	53.675	ug/l	96
39) Methylcyclohexane	7.373	83	152449	58.275	ug/l	98
40) Benzene	6.032	78	349139	52.550	ug/l	100

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41) Methacrylonitrile	4.916	41	70496	49.080	ug/l	99
42) 1,2-Dichloroethane	6.080	62	135560	49.531	ug/l	97
43) Isopropyl Acetate	6.336	43	216506	51.210	ug/l	98
44) Trichloroethene	7.117	130	88888	53.650	ug/l	97
45) 1,2-Dichloropropane	7.428	63	86995	51.252	ug/l	97
46) Dibromomethane	7.574	93	67868	51.538	ug/l	95
47) Bromodichloromethane	7.818	83	124282	54.647	ug/l	100
48) Methyl methacrylate	7.690	41	102868	50.124	ug/l	98
49) 1,4-Dioxane	7.659	88	24662	724.793	ug/l #	71
51) 4-Methyl-2-Pentanone	8.574	43	667207	245.442	ug/l	99
52) Toluene	8.714	92	220021	52.735	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	127372	52.027	ug/l	96
54) cis-1,3-Dichloropropene	8.360	75	139627	56.385	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	85878	51.812	ug/l	97
56) Ethyl methacrylate	9.116	69	141073	53.914	ug/l	97
57) 1,3-Dichloropropane	9.305	76	146651	50.832	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	326652	247.508	ug/l	99
59) 2-Hexanone	9.427	43	491495	249.789	ug/l	99
60) Dibromochloromethane	9.519	129	89257	50.794	ug/l	98
61) 1,2-Dibromoethane	9.604	107	89289	52.923	ug/l	98
64) Tetrachloroethene	9.269	164	76137	54.001	ug/l	99
65) Chlorobenzene	10.080	112	236050	51.858	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	82035	56.077	ug/l	99
67) Ethyl Benzene	10.189	91	415285	52.803	ug/l	98
68) m/p-Xylenes	10.299	106	312989	108.454	ug/l	96
69) o-Xylene	10.640	106	155361	53.206	ug/l	97
70) Styrene	10.653	104	257040	54.912	ug/l	97
71) Bromoform	10.799	173	55350	53.638	ug/l #	99
73) Isopropylbenzene	10.957	105	403042	52.392	ug/l	100
74) N-amyl acetate	10.842	43	186211	52.376	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	129995	48.651	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	108966m	48.566	ug/l	
77) Bromobenzene	11.195	156	96454	51.705	ug/l	98
78) n-propylbenzene	11.305	91	457577	53.816	ug/l	98
79) 2-Chlorotoluene	11.360	91	273862	49.803	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	335043	52.518	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	37990	48.684	ug/l	96
82) 4-Chlorotoluene	11.451	91	317807	52.192	ug/l	98
83) tert-Butylbenzene	11.713	119	333427	52.885	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	337162	53.815	ug/l	99
85) sec-Butylbenzene	11.890	105	413244	53.991	ug/l	99
86) p-Isopropyltoluene	12.006	119	345517	54.238	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	176589	54.193	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	174295	52.033	ug/l	98
89) n-Butylbenzene	12.329	91	309732	57.821	ug/l	99
90) Hexachloroethane	12.536	117	53223	57.234	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	175242	51.794	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	24513	47.259	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	107991	58.218	ug/l	98
94) Hexachlorobutadiene	13.725	225	44782	60.019	ug/l	98
95) Naphthalene	13.774	128	382648	52.848	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	111207	56.523	ug/l	98

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

