

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044221.D
 Acq On : 11 Dec 2024 11:50
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 12 04:14:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:11:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/12/2024
 Supervised By : Mahesh Dadoda 12/12/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	134436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	254199	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98180	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	41821	17.743	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	35.480%#
35) Dibromofluoromethane	5.391	113	30304	17.213	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	34.420%#
50) Toluene-d8	8.647	98	102660	17.284	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	34.560%#
62) 4-Bromofluorobenzene	11.079	95	35645	17.175	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	34.340%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	38748	18.640	ug/l	90
3) Chloromethane	1.294	50	39546	19.894	ug/l	100
4) Vinyl Chloride	1.374	62	42048	20.304	ug/l	97
5) Bromomethane	1.593	94	27604	18.789	ug/l	94
6) Chloroethane	1.666	64	27673	21.460	ug/l	94
7) Trichlorofluoromethane	1.867	101	81398	20.077	ug/l	99
8) Diethyl Ether	2.136	74	25884	18.704	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	31846	19.412	ug/l	99
10) Methyl Iodide	2.441	142	42786	19.788	ug/l	99
11) Tert butyl alcohol	3.001	59	29819m	89.904	ug/l	
12) 1,1-Dichloroethene	2.306	96	29241	19.405	ug/l	92
13) Acrolein	2.239	56	43909	91.311	ug/l	97
14) Allyl chloride	2.654	41	47218	18.813	ug/l	98
15) Acrylonitrile	3.068	53	89249	96.988	ug/l	99
16) Acetone	2.392	43	88985	92.601	ug/l	95
17) Carbon Disulfide	2.502	76	50399	17.595	ug/l	98
18) Methyl Acetate	2.709	43	47509	19.175	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	114371	19.450	ug/l	100
20) Methylene Chloride	2.782	84	35820	19.846	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	31036	19.380	ug/l	97
22) Diisopropyl ether	3.764	45	112511	19.907	ug/l	94
23) Vinyl Acetate	3.721	43	465716	101.354	ug/l	100
24) 1,1-Dichloroethane	3.605	63	62059	19.699	ug/l	98
25) 2-Butanone	4.568	43	136992	100.277	ug/l	99
26) 2,2-Dichloropropane	4.471	77	51431	20.095	ug/l #	74
27) cis-1,2-Dichloroethene	4.477	96	39161	19.254	ug/l	99
28) Bromochloromethane	4.891	49	30977	20.052	ug/l	95
29) Tetrahydrofuran	5.013	42	86235	98.343	ug/l	99
30) Chloroform	5.093	83	68410	19.327	ug/l	97
31) Cyclohexane	5.458	56	51773	20.351	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	57900	19.706	ug/l	99
36) 1,1-Dichloropropene	5.690	75	42878	18.841	ug/l	99
37) Ethyl Acetate	4.727	43	56019	19.913	ug/l	99
38) Carbon Tetrachloride	5.672	117	43901	17.918	ug/l	92
39) Methylcyclohexane	7.379	83	53536	19.678	ug/l	97
40) Benzene	6.031	78	135467	19.606	ug/l	99

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41) Methacrylonitrile	4.928	41	28523	19.095	ug/l	94
42) 1,2-Dichloroethane	6.086	62	55377	19.456	ug/l	98
43) Isopropyl Acetate	6.342	43	84866	19.301	ug/l	100
44) Trichloroethene	7.123	130	32995	19.149	ug/l	96
45) 1,2-Dichloropropane	7.427	63	33585	19.025	ug/l	97
46) Dibromomethane	7.580	93	26293	19.199	ug/l	99
47) Bromodichloromethane	7.818	83	44312	18.735	ug/l	99
48) Methyl methacrylate	7.696	41	40620	19.032	ug/l	98
49) 1,4-Dioxane	7.671	88	14281m	391.518	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	278267	98.429	ug/l	100
52) Toluene	8.714	92	82934	19.113	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	44614	18.785	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	49596	19.258	ug/l	91
55) 1,1,2-Trichloroethane	9.147	97	34013	19.732	ug/l	98
56) Ethyl methacrylate	9.116	69	52571	19.318	ug/l	99
57) 1,3-Dichloropropane	9.305	76	59489	19.827	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	129900	94.642	ug/l	100
59) 2-Hexanone	9.433	43	207578	101.440	ug/l	99
60) Dibromochloromethane	9.519	129	31066	18.318	ug/l	97
61) 1,2-Dibromoethane	9.610	107	34978	19.935	ug/l	98
64) Tetrachloroethene	9.275	164	27702	19.133	ug/l	97
65) Chlorobenzene	10.079	112	90631	19.389	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	29132	19.392	ug/l	99
67) Ethyl Benzene	10.195	91	158455	19.619	ug/l	98
68) m/p-Xylenes	10.299	106	116126	39.183	ug/l	98
69) o-Xylene	10.640	106	59787	19.938	ug/l	99
70) Styrene	10.653	104	95883	19.946	ug/l	98
71) Bromoform	10.799	173	16924	18.112	ug/l #	96
73) Isopropylbenzene	10.963	105	153935	20.481	ug/l	98
74) N-amyl acetate	10.842	43	69643	20.049	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	52312	20.039	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	43726m	19.627	ug/l	
77) Bromobenzene	11.195	156	34951	19.176	ug/l	98
78) n-propylbenzene	11.305	91	169622	20.419	ug/l	100
79) 2-Chlorotoluene	11.366	91	106310	19.788	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	126626	20.315	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	11784	19.264	ug/l	90
82) 4-Chlorotoluene	11.451	91	118309	19.886	ug/l	100
83) tert-Butylbenzene	11.713	119	121929	19.794	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	125939	20.574	ug/l	99
85) sec-Butylbenzene	11.890	105	150795	20.165	ug/l	99
86) p-Isopropyltoluene	12.006	119	127790	20.532	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	64399	20.228	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	64106	19.588	ug/l	99
89) n-Butylbenzene	12.329	91	104410	19.950	ug/l	99
90) Hexachloroethane	12.536	117	15939	17.543	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	65511	19.817	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9468	18.683	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	35001	19.313	ug/l	99
94) Hexachlorobutadiene	13.725	225	14415	19.774	ug/l	97
95) Naphthalene	13.774	128	142515	20.146	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	38639	20.101	ug/l	99

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

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