

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044226.D
 Acq On : 11 Dec 2024 13:51
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVVX121124

Quant Time: Dec 12 04:32:02 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 12/12/2024
 Supervised By : Mahesh Dadoda 12/12/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	134203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	237295	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99879	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	107407	45.646	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.300%
35) Dibromofluoromethane	5.379	113	77619	47.228	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.460%
50) Toluene-d8	8.647	98	271508	48.968	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.940%
62) 4-Bromofluorobenzene	11.079	95	97061	50.098	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	104566	50.390	ug/l	98
3) Chloromethane	1.294	50	92633	46.681	ug/l	98
4) Vinyl Chloride	1.374	62	97702	47.260	ug/l	97
5) Bromomethane	1.593	94	67357	45.926	ug/l	99
6) Chloroethane	1.666	64	62821	48.801	ug/l	100
7) Trichlorofluoromethane	1.867	101	203619	50.311	ug/l	99
8) Diethyl Ether	2.136	74	63075	45.658	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.312	101	82498	50.374	ug/l	99
10) Methyl Iodide	2.441	142	100043	46.349	ug/l	100
11) Tert butyl alcohol	3.001	59	77494	233.680	ug/l	100
12) 1,1-Dichloroethene	2.306	96	74177	49.311	ug/l	99
13) Acrolein	2.233	56	111927	233.162	ug/l	97
14) Allyl chloride	2.654	41	124635	49.744	ug/l	100
15) Acrylonitrile	3.068	53	221037	240.620	ug/l	100
16) Acetone	2.386	43	260267	271.312	ug/l	98
17) Carbon Disulfide	2.501	76	149824	52.397	ug/l	98
18) Methyl Acetate	2.709	43	115569	46.725	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	281413	47.940	ug/l	99
20) Methylene Chloride	2.782	84	83188	46.170	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	77471	48.459	ug/l	98
22) Diisopropyl ether	3.763	45	264732	46.922	ug/l	98
23) Vinyl Acetate	3.721	43	1185779	258.510	ug/l	99
24) 1,1-Dichloroethane	3.605	63	151134	48.056	ug/l	98
25) 2-Butanone	4.562	43	346052	253.747	ug/l	100
26) 2,2-Dichloropropane	4.465	77	140196	54.872	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	94838	46.709	ug/l	99
28) Bromochloromethane	4.891	49	69139	44.832	ug/l	99
29) Tetrahydrofuran	5.007	42	208362	238.031	ug/l	98
30) Chloroform	5.092	83	163372	46.235	ug/l	94
31) Cyclohexane	5.458	56	125567	49.443	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	146348	49.895	ug/l	99
36) 1,1-Dichloropropene	5.684	75	106889	50.314	ug/l	98
37) Ethyl Acetate	4.721	43	137017	52.176	ug/l	99
38) Carbon Tetrachloride	5.672	117	118390	51.763	ug/l	97
39) Methylcyclohexane	7.373	83	139077	54.761	ug/l	99
40) Benzene	6.031	78	316391	49.052	ug/l	99

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41) Methacrylonitrile	4.922	41	68251	48.945	ug/l	98
42) 1,2-Dichloroethane	6.086	62	132744	49.960	ug/l	100
43) Isopropyl Acetate	6.342	43	211889	51.624	ug/l	100
44) Trichloroethene	7.123	130	80008	49.741	ug/l	98
45) 1,2-Dichloropropane	7.427	63	78321	47.528	ug/l	98
46) Dibromomethane	7.574	93	65491	51.227	ug/l	99
47) Bromodichloromethane	7.818	83	116783	52.893	ug/l	99
48) Methyl methacrylate	7.690	41	101318	50.852	ug/l	98
49) 1,4-Dioxane	7.665	88	30522m	923.966	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	673069	255.038	ug/l	99
52) Toluene	8.714	92	199281	49.199	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	120696	50.864	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	128875	53.607	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	81362	50.562	ug/l	96
56) Ethyl methacrylate	9.116	69	134357	52.890	ug/l	98
57) 1,3-Dichloropropane	9.305	76	137705	49.165	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	332599	259.586	ug/l	100
59) 2-Hexanone	9.433	43	519476	271.943	ug/l	99
60) Dibromochloromethane	9.518	129	83515	49.073	ug/l	99
61) 1,2-Dibromoethane	9.610	107	85024	51.909	ug/l	97
64) Tetrachloroethene	9.269	164	66669	47.702	ug/l	98
65) Chlorobenzene	10.079	112	217180	48.133	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	74531	51.396	ug/l	100
67) Ethyl Benzene	10.189	91	385605	49.461	ug/l	99
68) m/p-Xylenes	10.299	106	285774	99.896	ug/l	99
69) o-Xylene	10.640	106	144001	49.750	ug/l	98
70) Styrene	10.652	104	239508	51.617	ug/l	98
71) Bromoform	10.799	173	50972	50.269	ug/l #	99
73) Isopropylbenzene	10.963	105	374769	49.014	ug/l	99
74) N-amyl acetate	10.841	43	183763	52.003	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	126615	47.676	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	103796m	46.544	ug/l	
77) Bromobenzene	11.195	156	87767	47.335	ug/l	99
78) n-propylbenzene	11.305	91	429443	50.816	ug/l	99
79) 2-Chlorotoluene	11.366	91	259860	47.546	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	313435	49.431	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	37038	47.861	ug/l	97
82) 4-Chlorotoluene	11.451	91	297641	49.178	ug/l	100
83) tert-Butylbenzene	11.713	119	309463	49.384	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	313433	50.333	ug/l	100
85) sec-Butylbenzene	11.890	105	381109	50.097	ug/l	100
86) p-Isopropyltoluene	12.006	119	320882	50.678	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	159094	49.122	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	160742	48.280	ug/l	99
89) n-Butylbenzene	12.329	91	283284	53.207	ug/l	99
90) Hexachloroethane	12.536	117	48734	52.727	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	160039	47.589	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26738	51.864	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	99449	53.940	ug/l	98
94) Hexachlorobutadiene	13.725	225	37651	50.770	ug/l	98
95) Naphthalene	13.774	128	365781	50.827	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	100209	51.244	ug/l	99

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

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