

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013024\
 Data File : VX040032.D
 Acq On : 30 Jan 2024 20:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2024
 Supervised By : Semsettin Yesilyurt 01/31/2024

Quant Time: Jan 31 05:40:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 05:24:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	81183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	144515	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67121	51.373	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.740%			
35) Dibromofluoromethane	5.385	113	51162	52.006	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.020%			
50) Toluene-d8	8.647	98	194134	52.768	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.540%			
62) 4-Bromofluorobenzene	11.079	95	76958	54.326	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	45325	49.568	ug/l	90
3) Chloromethane	1.295	50	40591	46.808	ug/l	98
4) Vinyl Chloride	1.374	62	40998	51.119	ug/l	97
5) Bromomethane	1.593	94	36317	46.581	ug/l	99
6) Chloroethane	1.679	64	27037	51.064	ug/l	99
7) Trichlorofluoromethane	1.886	101	64968	50.914	ug/l	98
8) Diethyl Ether	2.130	74	24011	53.224	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	52450	55.090	ug/l	98
10) Methyl Iodide	2.447	142	57573	56.806	ug/l	95
11) Tert butyl alcohol	2.959	59	67878	286.321	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	49521	54.233	ug/l	93
13) Acrolein	2.233	56	58630	258.128	ug/l	100
14) Allyl chloride	2.660	41	88399	53.708	ug/l	97
15) Acrylonitrile	3.063	53	163596	275.481	ug/l	99
16) Acetone	2.374	43	146046	238.569	ug/l	97
17) Carbon Disulfide	2.508	76	141027	52.825	ug/l	99
18) Methyl Acetate	2.703	43	90349	62.299	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	172379	55.111	ug/l	99
20) Methylene Chloride	2.788	84	58520	53.791	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	54182	53.881	ug/l	99
22) Diisopropyl ether	3.758	45	174633	54.775	ug/l	98
23) Vinyl Acetate	3.721	43	796357	279.105	ug/l	99
24) 1,1-Dichloroethane	3.611	63	99136	54.293	ug/l	99
25) 2-Butanone	4.556	43	222143	261.042	ug/l	96
26) 2,2-Dichloropropane	4.471	77	69497	48.779	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	60250	53.697	ug/l	94
28) Bromochloromethane	4.898	49	47262	55.508	ug/l	98
29) Tetrahydrofuran	5.001	42	150937	278.953	ug/l	99
30) Chloroform	5.093	83	103705	52.892	ug/l	98
31) Cyclohexane	5.471	56	83128	50.793	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	88820	52.785	ug/l	99
36) 1,1-Dichloropropene	5.690	75	75328	52.945	ug/l	98
37) Ethyl Acetate	4.715	43	85328	54.915	ug/l	98
38) Carbon Tetrachloride	5.678	117	73515	54.002	ug/l	98
39) Methylcyclohexane	7.379	83	90062	52.027	ug/l	95
40) Benzene	6.038	78	218136	52.640	ug/l	100

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41) Methacrylonitrile	4.916	41	46121	58.529	ug/l	93
42) 1,2-Dichloroethane	6.086	62	85292	53.468	ug/l	100
43) Isopropyl Acetate	6.336	43	136657	55.771	ug/l	99
44) Trichloroethene	7.123	130	55683	51.062	ug/l	93
45) 1,2-Dichloropropane	7.428	63	57482	52.537	ug/l	95
46) Dibromomethane	7.580	93	43150	52.543	ug/l	96
47) Bromodichloromethane	7.824	83	80653	55.142	ug/l	99
48) Methyl methacrylate	7.690	41	68406	56.672	ug/l	93
49) 1,4-Dioxane	7.659	88	29877	1139.048	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	473119	282.852	ug/l	99
52) Toluene	8.720	92	139399	53.971	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	82839	54.607	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	90670	56.014	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	58112	54.356	ug/l	96
56) Ethyl methacrylate	9.116	69	89628	57.410	ug/l	97
57) 1,3-Dichloropropane	9.305	76	96642	54.879	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	234866	299.168	ug/l	97
59) 2-Hexanone	9.427	43	372487	279.298	ug/l	100
60) Dibromochloromethane	9.519	129	59545	55.430	ug/l	99
61) 1,2-Dibromoethane	9.610	107	63660	55.077	ug/l	98
64) Tetrachloroethene	9.275	164	45991	49.980	ug/l	96
65) Chlorobenzene	10.080	112	148385	50.762	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	52178	52.855	ug/l	97
67) Ethyl Benzene	10.195	91	277552	52.920	ug/l	98
68) m/p-Xylenes	10.299	106	209604	106.230	ug/l	99
69) o-Xylene	10.640	106	102526	54.779	ug/l	99
70) Styrene	10.653	104	171538	54.379	ug/l	98
71) Bromoform	10.799	173	41688	51.883	ug/l #	99
73) Isopropylbenzene	10.964	105	269300	50.527	ug/l	100
74) N-amyl acetate	10.842	43	132342	52.019	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	98044	48.928	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	80889m	51.176	ug/l	
77) Bromobenzene	11.195	156	60071	48.859	ug/l	98
78) n-propylbenzene	11.305	91	330438	50.381	ug/l	99
79) 2-Chlorotoluene	11.366	91	193341	48.965	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	233252	50.910	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	25334	50.491	ug/l	96
82) 4-Chlorotoluene	11.451	91	226485	49.976	ug/l	99
83) tert-Butylbenzene	11.713	119	220681	50.335	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	236368	51.701	ug/l	99
85) sec-Butylbenzene	11.890	105	292218	50.308	ug/l	99
86) p-Isopropyltoluene	12.006	119	244056	51.454	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	124613	50.242	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	128591	50.648	ug/l	99
89) n-Butylbenzene	12.329	91	236175	51.300	ug/l	96
90) Hexachloroethane	12.536	117	39564	50.964	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	121318	50.730	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23574	51.899	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	75067	50.215	ug/l	97
94) Hexachlorobutadiene	13.725	225	27239	46.257	ug/l	97
95) Naphthalene	13.774	128	266443	52.476	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	72956	49.359	ug/l	98

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

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