

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042789.D
 Acq On : 01 Aug 2024 11:04
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/01/2024
 Supervised By : Semsettin Yesilyurt 08/03/2024

Quant Time: Aug 01 16:16:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 16:14:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	90700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	158545	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71591	49.130	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.260%		
35) Dibromofluoromethane	5.385	113	54072	49.370	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.740%		
50) Toluene-d8	8.647	98	200244	50.370	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.740%		
62) 4-Bromofluorobenzene	11.079	95	74352	51.178	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	75545	52.560	ug/l	99
3) Chloromethane	1.301	50	57383	51.728	ug/l	99
4) Vinyl Chloride	1.374	62	56314	50.057	ug/l	99
5) Bromomethane	1.599	94	18906	48.775	ug/l	97
6) Chloroethane	1.660	64	19011	46.806	ug/l	99
7) Trichlorofluoromethane	1.874	101	82853	54.875	ug/l	95
8) Diethyl Ether	2.136	74	26639	46.306	ug/l	72
9) 1,1,2-Trichlorotrifluo...	2.319	101	55298	48.554	ug/l	95
10) Methyl Iodide	2.447	142	59181	54.292	ug/l	95
11) Tert butyl alcohol	2.995	59	63124	232.297	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	52544	47.598	ug/l	85
13) Acrolein	2.239	56	69925	244.131	ug/l	99
14) Allyl chloride	2.660	41	69153	48.724	ug/l #	93
15) Acrylonitrile	3.069	53	147311	246.122	ug/l	99
16) Acetone	2.392	43	127664	241.275	ug/l #	86
17) Carbon Disulfide	2.502	76	119707	48.069	ug/l	99
18) Methyl Acetate	2.709	43	72279	54.429	ug/l #	88
19) Methyl tert-butyl Ether	3.123	73	183078	50.024	ug/l	95
20) Methylene Chloride	2.788	84	61483	50.528	ug/l #	85
21) trans-1,2-Dichloroethene	3.087	96	54727	48.047	ug/l	87
22) Diisopropyl ether	3.764	45	146229	48.062	ug/l #	90
23) Vinyl Acetate	3.721	43	665951	251.783	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	98371	49.775	ug/l	96
25) 2-Butanone	4.568	43	189021	243.140	ug/l #	85
26) 2,2-Dichloropropane	4.471	77	80876	47.812	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	64340	48.321	ug/l	88
28) Bromochloromethane	4.898	49	33984	47.971	ug/l #	82
29) Tetrahydrofuran	5.007	42	118508	244.730	ug/l #	80
30) Chloroform	5.093	83	107832	49.069	ug/l	97
31) Cyclohexane	5.465	56	78339	48.793	ug/l #	82
32) 1,1,1-Trichloroethane	5.379	97	98082	50.251	ug/l	96
36) 1,1-Dichloropropene	5.690	75	71213	50.138	ug/l	98
37) Ethyl Acetate	4.721	43	71090	49.031	ug/l #	94
38) Carbon Tetrachloride	5.678	117	83910	51.262	ug/l	99
39) Methylcyclohexane	7.379	83	89657	50.373	ug/l	90
40) Benzene	6.038	78	222011	49.814	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	38425	50.116	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	82348	51.157	ug/l	97
43) Isopropyl Acetate	6.342	43	112665	49.680	ug/l #	92
44) Trichloroethene	7.129	130	57149	48.981	ug/l	92
45) 1,2-Dichloropropane	7.428	63	51445	51.476	ug/l	99
46) Dibromomethane	7.580	93	42049	49.403	ug/l	95
47) Bromodichloromethane	7.824	83	79347	51.122	ug/l	96
48) Methyl methacrylate	7.696	41	56024	50.247	ug/l #	82
49) 1,4-Dioxane	7.665	88	27136	971.174	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	375639	250.096	ug/l	92
52) Toluene	8.720	92	143977	49.792	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	79889	51.956	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	85678	52.455	ug/l	89
55) 1,1,2-Trichloroethane	9.153	97	56816	48.581	ug/l	98
56) Ethyl methacrylate	9.116	69	88075	51.998	ug/l	90
57) 1,3-Dichloropropane	9.305	76	91672	49.670	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	203704	261.121	ug/l	92
59) 2-Hexanone	9.433	43	291025	249.859	ug/l	91
60) Dibromochloromethane	9.525	129	62141	52.458	ug/l	99
61) 1,2-Dibromoethane	9.610	107	59677	51.428	ug/l	99
64) Tetrachloroethene	9.275	164	48564	49.139	ug/l	97
65) Chlorobenzene	10.080	112	157755	48.972	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	55747	51.803	ug/l	99
67) Ethyl Benzene	10.195	91	272875	50.384	ug/l	99
68) m/p-Xylenes	10.299	106	208162	100.605	ug/l	100
69) o-Xylene	10.640	106	103202	50.449	ug/l	99
70) Styrene	10.653	104	176333	51.003	ug/l	99
71) Bromoform	10.799	173	41338	51.414	ug/l #	100
73) Isopropylbenzene	10.964	105	262903	50.659	ug/l	99
74) N-amyl acetate	10.842	43	99041	49.647	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	85552	47.768	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	82154m	51.939	ug/l	
77) Bromobenzene	11.195	156	63474	49.388	ug/l	91
78) n-propylbenzene	11.305	91	297704	51.448	ug/l	99
79) 2-Chlorotoluene	11.366	91	186805	49.601	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	226502	50.937	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	26335	50.291	ug/l	94
82) 4-Chlorotoluene	11.451	91	212421	49.705	ug/l	98
83) tert-Butylbenzene	11.713	119	226122	51.026	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	230363	51.887	ug/l	98
85) sec-Butylbenzene	11.890	105	277277	51.106	ug/l	99
86) p-Isopropyltoluene	12.006	119	233208	50.984	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	116425	48.566	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	115749	47.998	ug/l	100
89) n-Butylbenzene	12.329	91	197111	52.663	ug/l	99
90) Hexachloroethane	12.536	117	39607	48.878	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	116516	49.142	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20172	50.618	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	68835	50.569	ug/l	97
94) Hexachlorobutadiene	13.725	225	27943	47.271	ug/l	97
95) Naphthalene	13.774	128	261553	50.353	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	70434	50.340	ug/l	97

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

