

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080423\
 Data File : VX036822.D
 Acq On : 04 Aug 2023 19:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 04 23:10:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/07/2023
 Supervised By : Semsettin Yesilyurt 08/07/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	261615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	470726	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	421699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	206307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	186686	48.227	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.460%		
35) Dibromofluoromethane	5.385	113	157542	48.692	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.380%		
50) Toluene-d8	8.647	98	535044	46.632	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.260%		
62) 4-Bromofluorobenzene	11.079	95	211920	48.955	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.900%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	90006	26.043	ug/l	97
3) Chloromethane	1.301	50	86168	27.412	ug/l	99
4) Vinyl Chloride	1.374	62	90167	28.174	ug/l	98
5) Bromomethane	1.599	94	40061	20.967	ug/l	97
6) Chloroethane	1.672	64	48945	31.456	ug/l	100
7) Trichlorofluoromethane	1.880	101	141695	28.670	ug/l	98
8) Diethyl Ether	2.136	74	56111	29.345	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	73059	24.605	ug/l	99
10) Methyl Iodide	2.453	142	96328	31.234	ug/l	95
11) Tert butyl alcohol	2.971	59	146363	159.710	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	78419	26.769	ug/l	85
13) Acrolein	2.239	56	62989	120.436	ug/l	98
14) Allyl chloride	2.660	41	136784	23.712	ug/l #	96
15) Acrylonitrile	3.062	53	258392	140.203	ug/l	99
16) Acetone	2.380	43	226422	140.958	ug/l	91
17) Carbon Disulfide	2.508	76	205145	25.373	ug/l	98
18) Methyl Acetate	2.703	43	184072	27.240	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	314829	28.599	ug/l	99
20) Methylene Chloride	2.788	84	95413	26.709	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	88413	27.004	ug/l	87
22) Diisopropyl ether	3.764	45	279004	25.474	ug/l #	85
23) Vinyl Acetate	3.721	43	1118481	133.128	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	166284	27.079	ug/l	97
25) 2-Butanone	4.556	43	361137	138.571	ug/l	92
26) 2,2-Dichloropropane	4.477	77	106894	18.474	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	106673	27.431	ug/l	90
28) Bromochloromethane	4.897	49	73483	24.743	ug/l	87
29) Tetrahydrofuran	5.007	42	231410	137.725	ug/l	89
30) Chloroform	5.093	83	178108	28.350	ug/l	97
31) Cyclohexane	5.471	56	119132	22.227	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	153970	26.747	ug/l	98
36) 1,1-Dichloropropene	5.690	75	117647	24.395	ug/l	98
37) Ethyl Acetate	4.715	43	142203	26.052	ug/l	96
38) Carbon Tetrachloride	5.678	117	130384	25.431	ug/l	94
39) Methylcyclohexane	7.379	83	131212	21.881	ug/l	92
40) Benzene	6.037	78	363627	25.916	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	75507	25.864	ug/l	92
42) 1,2-Dichloroethane	6.086	62	144360	28.141	ug/l	96
43) Isopropyl Acetate	6.342	43	233694	24.872	ug/l #	95
44) Trichloroethene	7.123	130	94192	25.683	ug/l	99
45) 1,2-Dichloropropane	7.434	63	95070	25.378	ug/l	100
46) Dibromomethane	7.580	93	72661	27.715	ug/l	96
47) Bromodichloromethane	7.824	83	141814	26.352	ug/l	97
48) Methyl methacrylate	7.690	41	109888	25.148	ug/l #	87
49) 1,4-Dioxane	7.659	88	54680	619.443	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	683757	131.502	ug/l	95
52) Toluene	8.720	92	225696	25.672	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	148700	24.447	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	156106	24.322	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	98119	26.550	ug/l	97
56) Ethyl methacrylate	9.116	69	159592	26.520	ug/l	92
57) 1,3-Dichloropropane	9.311	76	165590	26.902	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	352862	119.004	ug/l	96
59) 2-Hexanone	9.433	43	523505	135.660	ug/l	93
60) Dibromochloromethane	9.525	129	108355	26.676	ug/l	99
61) 1,2-Dibromoethane	9.610	107	108059	28.213	ug/l	98
64) Tetrachloroethene	9.275	164	78412	24.929	ug/l	99
65) Chlorobenzene	10.079	112	238272	25.633	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	95444	26.565	ug/l	99
67) Ethyl Benzene	10.195	91	416870	24.549	ug/l	99
68) m/p-Xylenes	10.299	106	318536	50.276	ug/l	98
69) o-Xylene	10.640	106	161545	25.544	ug/l	98
70) Styrene	10.653	104	270573	25.931	ug/l	98
71) Bromoform	10.799	173	78906	27.131	ug/l #	99
73) Isopropylbenzene	10.963	105	401849	23.536	ug/l	98
74) N-amyl acetate	10.842	43	193755	24.335	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	151278	26.233	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	128289m	26.437	ug/l	
77) Bromobenzene	11.195	156	99046	25.473	ug/l	95
78) n-propylbenzene	11.305	91	462010	23.398	ug/l	100
79) 2-Chlorotoluene	11.366	91	284600	23.786	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	345740	24.206	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	46915	21.913	ug/l	87
82) 4-Chlorotoluene	11.451	91	328274	24.079	ug/l	99
83) tert-Butylbenzene	11.713	119	335010	23.875	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	344322	24.104	ug/l	97
85) sec-Butylbenzene	11.890	105	416155	23.781	ug/l	100
86) p-Isopropyltoluene	12.006	119	346066	24.034	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	184307	25.593	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	185060	25.894	ug/l	99
89) n-Butylbenzene	12.329	91	297614	23.089	ug/l	99
90) Hexachloroethane	12.536	117	65450	22.421	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	185814	26.738	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	37913	28.292	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	111577	26.060	ug/l	98
94) Hexachlorobutadiene	13.725	225	40624	22.934	ug/l	98
95) Naphthalene	13.774	128	432248	28.971	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	114590	27.154	ug/l	99

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

