

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031920.D
 Acq On : 06 Oct 2022 15:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 07 08:06:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/07/2022
 Supervised By : Mahesh Dadoda 10/07/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	64001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	97177	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64215	48.583	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.160%		
35) Dibromofluoromethane	5.385	113	54221	49.292	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.580%		
50) Toluene-d8	8.647	98	195005	49.267	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.540%		
62) 4-Bromofluorobenzene	11.079	95	72188	51.588	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.180%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	46450	48.768	ug/l	97
3) Chloromethane	1.288	50	45815	45.934	ug/l	100
4) Vinyl Chloride	1.374	62	52471	45.016	ug/l	98
5) Bromomethane	1.611	94	40907	54.450	ug/l	96
6) Chloroethane	1.685	64	50723	51.137	ug/l	98
7) Trichlorofluoromethane	1.886	101	94797	45.245	ug/l	100
8) Diethyl Ether	2.136	74	36305	50.834	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	50513	47.697	ug/l	92
10) Methyl Iodide	2.453	142	45406	42.570	ug/l	99
11) Tert butyl alcohol	2.995	59	44912	273.106	ug/l	98
12) 1,1-Dichloroethene	2.319	96	45176	46.341	ug/l	88
13) Acrolein	2.239	56	24404	257.881	ug/l	100
14) Allyl chloride	2.660	41	67540	48.691	ug/l	96
15) Acrylonitrile	3.068	53	132583	252.907	ug/l	99
16) Acetone	2.392	43	105217	234.224	ug/l	96
17) Carbon Disulfide	2.508	76	95867	45.794	ug/l	100
18) Methyl Acetate	2.703	43	75491	50.932	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	170683	52.175	ug/l	98
20) Methylene Chloride	2.788	84	53281	45.136	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	51826	48.006	ug/l	93
22) Diisopropyl ether	3.757	45	159307	51.087	ug/l	92
23) Vinyl Acetate	3.721	43	633743	271.887	ug/l	96
24) 1,1-Dichloroethane	3.611	63	89628	47.948	ug/l	98
25) 2-Butanone	4.556	43	175672	250.165	ug/l	97
26) 2,2-Dichloropropane	4.477	77	64583	48.101	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	63062	48.818	ug/l	87
28) Bromochloromethane	4.891	49	39813	49.760	ug/l #	81
29) Tetrahydrofuran	5.007	42	113109	249.638	ug/l	92
30) Chloroform	5.093	83	102563	49.259	ug/l	98
31) Cyclohexane	5.471	56	75019	47.510	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	86150	48.690	ug/l	98
36) 1,1-Dichloropropene	5.690	75	70919	48.620	ug/l	96
37) Ethyl Acetate	4.715	43	71365	51.968	ug/l	98
38) Carbon Tetrachloride	5.678	117	74902	50.221	ug/l	95
39) Methylcyclohexane	7.385	83	87368	50.215	ug/l	91
40) Benzene	6.037	78	210374	49.254	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	38456	53.853	ug/l	95
42) 1,2-Dichloroethane	6.086	62	80254	51.562	ug/l	97
43) Isopropyl Acetate	6.342	43	114127	54.776	ug/l	97
44) Trichloroethene	7.129	130	62621	50.001	ug/l	90
45) 1,2-Dichloropropane	7.427	63	54071	51.512	ug/l	99
46) Dibromomethane	7.580	93	42781	52.590	ug/l	92
47) Bromodichloromethane	7.824	83	77529	55.169	ug/l	99
48) Methyl methacrylate	7.690	41	54593	54.834	ug/l	93
49) 1,4-Dioxane	7.696	88	24794	1108.355	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	375845	272.208	ug/l	97
52) Toluene	8.720	92	142967	51.194	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	78419	51.793	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	87609	57.566	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	60558	51.378	ug/l	98
56) Ethyl methacrylate	9.116	69	86593	57.313	ug/l	93
57) 1,3-Dichloropropane	9.311	76	98425	51.965	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	216867	278.066	ug/l	91
59) 2-Hexanone	9.433	43	276003	271.106	ug/l	96
60) Dibromochloromethane	9.525	129	63684	59.038	ug/l	99
61) 1,2-Dibromoethane	9.610	107	64181	54.146	ug/l	96
64) Tetrachloroethene	9.275	164	60140	49.210	ug/l	99
65) Chlorobenzene	10.079	112	158711	48.388	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	58763	51.777	ug/l	98
67) Ethyl Benzene	10.195	91	271824	48.988	ug/l	100
68) m/p-Xylenes	10.305	106	217568	98.668	ug/l	97
69) o-Xylene	10.640	106	107551	50.181	ug/l	96
70) Styrene	10.659	104	179738	52.460	ug/l	96
71) Bromoform	10.799	173	42565	57.289	ug/l #	99
73) Isopropylbenzene	10.963	105	276221	49.196	ug/l	100
74) N-amyl acetate	10.842	43	101565	59.235	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	89552	50.199	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	79443m	52.069	ug/l	
77) Bromobenzene	11.201	156	70159	50.727	ug/l	93
78) n-propylbenzene	11.305	91	319965	50.102	ug/l	99
79) 2-Chlorotoluene	11.366	91	187646	48.826	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	235929	50.664	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21426	49.845	ug/l	91
82) 4-Chlorotoluene	11.457	91	218247	49.585	ug/l	98
83) tert-Butylbenzene	11.713	119	227450	49.350	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	237763	50.260	ug/l	100
85) sec-Butylbenzene	11.890	105	288583	50.575	ug/l	100
86) p-Isopropyltoluene	12.012	119	250259	52.092	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	131783	50.043	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	131824	48.633	ug/l	98
89) n-Butylbenzene	12.335	91	208200	51.751	ug/l	99
90) Hexachloroethane	12.542	117	36434	47.752	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	131419	50.194	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18365	56.240	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	83768	52.714	ug/l	99
94) Hexachlorobutadiene	13.725	225	32360	50.349	ug/l	99
95) Naphthalene	13.774	128	297834	54.696	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	85903	53.293	ug/l	98

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

