

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120122\
 Data File : VX033173.D
 Acq On : 01 Dec 2022 18:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 02 00:55:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/02/2022
 Supervised By : Mahesh Dadoda 12/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	142819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229311	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61983	44.041	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.080%		
35) Dibromofluoromethane	5.385	113	56284	43.538	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.080%		
50) Toluene-d8	8.647	98	165565	42.230	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	84.460%#		
62) 4-Bromofluorobenzene	11.079	95	74813	44.055	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49590	45.449	ug/l	98
3) Chloromethane	1.294	50	53286	45.237	ug/l	100
4) Vinyl Chloride	1.374	62	62644	47.763	ug/l	96
5) Bromomethane	1.618	94	46025	47.323	ug/l	96
6) Chloroethane	1.691	64	47909	44.870	ug/l	100
7) Trichlorofluoromethane	1.886	101	120285	47.254	ug/l	99
8) Diethyl Ether	2.136	74	42147	52.591	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	68555	51.239	ug/l	98
10) Methyl Iodide	2.453	142	67539	44.096	ug/l	100
11) Tert butyl alcohol	3.014	59	49720	225.512	ug/l #	72
12) 1,1-Dichloroethene	2.319	96	65015	52.165	ug/l	97
13) Acrolein	2.239	56	89245	352.399	ug/l	99
14) Allyl chloride	2.666	41	105820	52.591	ug/l	95
15) Acrylonitrile	3.069	53	169034	271.057	ug/l	98
16) Acetone	2.392	43	145733	224.360	ug/l	100
17) Carbon Disulfide	2.514	76	148646	43.169	ug/l	99
18) Methyl Acetate	2.709	43	98675	54.879	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	237652	54.982	ug/l	98
20) Methylene Chloride	2.788	84	72807	53.972	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	70766	49.637	ug/l	98
22) Diisopropyl ether	3.757	45	235251	53.693	ug/l #	87
23) Vinyl Acetate	3.721	43	915243	266.865	ug/l	99
24) 1,1-Dichloroethane	3.611	63	130296	51.969	ug/l	99
25) 2-Butanone	4.562	43	231918	258.931	ug/l	100
26) 2,2-Dichloropropane	4.477	77	106647	52.902	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	85655	52.879	ug/l	99
28) Bromochloromethane	4.897	49	54954	49.883	ug/l	98
29) Tetrahydrofuran	5.013	42	149965	263.864	ug/l	98
30) Chloroform	5.093	83	147010	52.352	ug/l	99
31) Cyclohexane	5.471	56	109397	48.543	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	132073	52.519	ug/l	99
36) 1,1-Dichloropropene	5.696	75	101955	49.323	ug/l	99
37) Ethyl Acetate	4.715	43	95024	52.691	ug/l	99
38) Carbon Tetrachloride	5.678	117	114219	49.810	ug/l	99
39) Methylcyclohexane	7.379	83	114318	48.470	ug/l	97
40) Benzene	6.037	78	296226	51.112	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	53630	52.851	ug/l	98
42) 1,2-Dichloroethane	6.086	62	117142	50.199	ug/l	99
43) Isopropyl Acetate	6.336	43	159011	53.315	ug/l	99
44) Trichloroethene	7.129	130	86454	53.160	ug/l	99
45) 1,2-Dichloropropane	7.427	63	75821	52.937	ug/l	97
46) Dibromomethane	7.580	93	56319	50.394	ug/l	99
47) Bromodichloromethane	7.824	83	114466	53.006	ug/l	97
48) Methyl methacrylate	7.690	41	80552	52.470	ug/l	94
49) 1,4-Dioxane	7.720	88	32953	1166.072	ug/l #	26
51) 4-Methyl-2-Pentanone	8.574	43	489549	266.002	ug/l	98
52) Toluene	8.720	92	194384	50.980	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	118315	50.960	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	125811	54.041	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	80844	52.077	ug/l	98
56) Ethyl methacrylate	9.116	69	121273	56.699	ug/l	93
57) 1,3-Dichloropropane	9.311	76	131153	52.333	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	264528	260.445	ug/l	99
59) 2-Hexanone	9.433	43	357029	262.612	ug/l	97
60) Dibromochloromethane	9.519	129	89304	53.432	ug/l	99
61) 1,2-Dibromoethane	9.610	107	86390	52.724	ug/l	99
64) Tetrachloroethene	9.275	164	69941	47.206	ug/l	96
65) Chlorobenzene	10.079	112	213536	51.169	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	81770	53.477	ug/l	99
67) Ethyl Benzene	10.195	91	389276	52.586	ug/l	100
68) m/p-Xylenes	10.299	106	298349	102.922	ug/l	100
69) o-Xylene	10.640	106	146837	52.352	ug/l	99
70) Styrene	10.653	104	248110	54.071	ug/l	98
71) Bromoform	10.799	173	63885	54.492	ug/l #	99
73) Isopropylbenzene	10.963	105	394254	53.217	ug/l	100
74) N-amyl acetate	10.842	43	142752	56.643	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	121027	54.127	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	109308m	55.672	ug/l	
77) Bromobenzene	11.195	156	95815	52.588	ug/l	99
78) n-propylbenzene	11.305	91	451302	53.280	ug/l	100
79) 2-Chlorotoluene	11.366	91	268467	52.185	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	331203	53.217	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	34243	56.690	ug/l	95
82) 4-Chlorotoluene	11.457	91	311730	51.708	ug/l	99
83) tert-Butylbenzene	11.713	119	335855	54.213	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	332991	53.659	ug/l	100
85) sec-Butylbenzene	11.890	105	395827	53.406	ug/l	100
86) p-Isopropyltoluene	12.006	119	337117	53.686	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	177851	52.043	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	178744	51.071	ug/l	98
89) n-Butylbenzene	12.335	91	286253	52.915	ug/l	99
90) Hexachloroethane	12.536	117	55683	53.974	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	173121	52.077	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25241	56.578	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	108199	52.800	ug/l	99
94) Hexachlorobutadiene	13.725	225	45076	49.859	ug/l	99
95) Naphthalene	13.774	128	363584	54.844	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	109141	53.110	ug/l	100

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

