

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
 Data File : VX027480.D
 Acq On : 17 Mar 2022 11:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 18 01:40:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	318797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	495173	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	424965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	218641	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	199877	50.895	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.780%	
35) Dibromofluoromethane	5.385	113	170911	53.647	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 107.300%	
50) Toluene-d8	8.653	98	617583	51.228	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.460%	
62) 4-Bromofluorobenzene	11.079	95	230757	52.077	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 104.160%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	148791	48.624	ug/l	100
3) Chloromethane	1.294	50	126298	46.494	ug/l	100
4) Vinyl Chloride	1.373	62	151696	48.332	ug/l	97
5) Bromomethane	1.599	94	73595	45.326	ug/l	97
6) Chloroethane	1.678	64	95806	49.743	ug/l	96
7) Trichlorofluoromethane	1.886	101	253042	48.840	ug/l	98
8) Diethyl Ether	2.135	74	100010	51.821	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.324	101	161537	52.357	ug/l	95
10) Methyl Iodide	2.453	142	209146	51.210	ug/l	97
11) Tert butyl alcohol	2.965	59	181314	242.249	ug/l	99
12) 1,1-Dichloroethene	2.318	96	147115	49.697	ug/l	94
13) Acrolein	2.239	56	125384	215.879	ug/l	96
14) Allyl chloride	2.660	41	228824	49.397	ug/l	95
15) Acrylonitrile	3.062	53	455089	267.449	ug/l	98
16) Acetone	2.379	43	393067	245.547	ug/l	94
17) Carbon Disulfide	2.507	76	334861	44.456	ug/l	100
18) Methyl Acetate	2.702	43	200697	52.313	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	535692	53.635	ug/l	99
20) Methylene Chloride	2.788	84	168306	48.902	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	156164	49.455	ug/l	96
22) Diisopropyl ether	3.763	45	480754	53.144	ug/l	94
23) Vinyl Acetate	3.721	43	2126759	270.337	ug/l	97
24) 1,1-Dichloroethane	3.611	63	285149	51.826	ug/l	100
25) 2-Butanone	4.556	43	622199	258.345	ug/l	97
26) 2,2-Dichloropropane	4.477	77	240381	53.502	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	192357	52.528	ug/l	96
28) Bromochloromethane	4.903	49	100954	45.486	ug/l	91
29) Tetrahydrofuran	5.007	42	404227	261.634	ug/l	94
30) Chloroform	5.098	83	315451	51.975	ug/l	98
31) Cyclohexane	5.470	56	239953	49.204	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	281897	51.014	ug/l	99
36) 1,1-Dichloropropene	5.696	75	221336	50.839	ug/l	98
37) Ethyl Acetate	4.714	43	239190	55.136	ug/l	99
38) Carbon Tetrachloride	5.678	117	258053	51.810	ug/l	100
39) Methylcyclohexane	7.378	83	282234	51.552	ug/l	98
40) Benzene	6.037	78	649107	51.969	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	135182	57.137	ug/l	94
42) 1,2-Dichloroethane	6.086	62	247645	52.903	ug/l	98
43) Isopropyl Acetate	6.342	43	379876	54.408	ug/l	97
44) Trichloroethene	7.128	130	196523	51.831	ug/l	98
45) 1,2-Dichloropropane	7.433	63	173489	54.532	ug/l	97
46) Dibromomethane	7.580	93	129220	53.171	ug/l	96
47) Bromodichloromethane	7.823	83	248818	54.374	ug/l	99
48) Methyl methacrylate	7.695	41	189989	54.985	ug/l	93
49) 1,4-Dioxane	7.659	88	83316	938.800	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	1220076	273.749	ug/l	96
52) Toluene	8.720	92	432312	51.650	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	259363	55.223	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	289765	56.689	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	179969	52.809	ug/l	99
56) Ethyl methacrylate	9.116	69	273514	53.641	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	288369	52.121	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	684842	265.388	ug/l	97
59) 2-Hexanone	9.433	43	922418	268.718	ug/l	91
60) Dibromochloromethane	9.524	129	202600	54.005	ug/l	96
61) 1,2-Dibromoethane	9.610	107	192831	51.481	ug/l	98
64) Tetrachloroethene	9.274	164	169500	51.299	ug/l	96
65) Chlorobenzene	10.079	112	464736	53.162	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	182623	55.992	ug/l	98
67) Ethyl Benzene	10.195	91	809133	54.075	ug/l	98
68) m/p-Xylenes	10.305	106	632765	107.400	ug/l	100
69) o-Xylene	10.640	106	312896	54.698	ug/l	99
70) Styrene	10.658	104	522710	55.936	ug/l	98
71) Bromoform	10.799	173	154651	59.351	ug/l #	100
73) Isopropylbenzene	10.963	105	826701	51.911	ug/l	100
74) N-amyl acetate	10.841	43	318021	56.318	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	270299	53.582	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	313087	68.461	ug/l	87
77) Bromobenzene	11.201	156	211254	52.628	ug/l	94
78) n-propylbenzene	11.305	91	936920	53.594	ug/l	98
79) 2-Chlorotoluene	11.366	91	569107	51.896	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	712150	53.132	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	85326	56.664	ug/l	91
82) 4-Chlorotoluene	11.457	91	655743	52.518	ug/l	99
83) tert-Butylbenzene	11.719	119	711361	53.574	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	707246	52.909	ug/l	99
85) sec-Butylbenzene	11.890	105	869002	54.158	ug/l	100
86) p-Isopropyltoluene	12.012	119	748962	54.343	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	390595	52.518	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	394151	52.375	ug/l	99
89) n-Butylbenzene	12.335	91	634508	55.167	ug/l	97
90) Hexachloroethane	12.542	117	122629	55.794	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	383877	52.861	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	65153	56.313	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	252210	54.185	ug/l	99
94) Hexachlorobutadiene	13.725	225	112510	54.720	ug/l	94
95) Naphthalene	13.780	128	851286	56.182	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	253017	53.737	ug/l	96

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

