

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
 Data File : VX018162.D
 Acq On : 31 Aug 2020 21:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 9:08:14 AM

Quant Time: Sep 01 07:03:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	439153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	701119	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	677418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	367106	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	300525	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
35) Dibromofluoromethane	5.46	113	233867	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
50) Toluene-d8	8.70	98	830758	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
62) 4-Bromofluorobenzene	11.12	95	338265	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	270344	50.562	ug/l	100
3) Chloromethane	1.31	50	277158	49.168	ug/l	100
4) Vinyl Chloride	1.39	62	267769	47.719	ug/l	99
5) Bromomethane	1.62	94	162842	60.165	ug/l	99
6) Chloroethane	1.70	64	156033	51.772	ug/l	97
7) Trichlorofluoromethane	1.91	101	430765	56.298	ug/l	98
8) Diethyl Ether	2.17	74	134822	51.957	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	212849	51.455	ug/l	99
10) Methyl Iodide	2.49	142	257393	57.295	ug/l	98
11) Tert butyl alcohol	3.03	59	295224	249.052	ug/l	99
12) 1,1-Dichloroethene	2.36	96	220489	51.377	ug/l	94
13) Acrolein	2.28	56	134719	274.089	ug/l	99
14) Allyl chloride	2.71	41	387580	50.267	ug/l	96
15) Acrylonitrile	3.12	53	666581	247.899	ug/l	98
16) Acetone	2.42	43	590664	248.638	ug/l	97
17) Carbon Disulfide	2.55	76	600304	46.271	ug/l	100
18) Methyl Acetate	2.75	43	307631	53.663	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	791797	53.798	ug/l	99
20) Methylene Chloride	2.84	84	248712	51.232	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	239606	50.393	ug/l	96
22) Diisopropyl ether	3.83	45	787858	51.771	ug/l	98
23) Vinyl Acetate	3.79	43	3521907	260.089	ug/l	98
24) 1,1-Dichloroethane	3.67	63	446541	51.547	ug/l	98
25) 2-Butanone	4.64	43	940021	240.772	ug/l	97
26) 2,2-Dichloropropane	4.56	77	344892	48.932	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	270997	49.467	ug/l	99
28) Bromochloromethane	4.98	49	199398	47.686	ug/l	98
29) Tetrahydrofuran	5.09	42	608704	244.918	ug/l	98
30) Chloroform	5.18	83	472400	52.665	ug/l	96
31) Cyclohexane	5.55	56	363797	49.855	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	440292	53.488	ug/l	100
36) 1,1-Dichloropropene	5.77	75	329038	50.882	ug/l	99
37) Ethyl Acetate	4.80	43	364784	48.568	ug/l	99
38) Carbon Tetrachloride	5.76	117	402633	55.248	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	356427	50.405	ug/l	98
40) Benzene	6.11	78	963919	50.728	ug/l	98
41) Methacrylonitrile	5.01	41	205596	49.854	ug/l	99
42) 1,2-Dichloroethane	6.16	62	388402	53.350	ug/l	98
43) Isopropyl Acetate	6.42	43	610004	50.284	ug/l	99
44) Trichloroethene	7.19	130	272638	50.779	ug/l	98
45) 1,2-Dichloropropane	7.49	63	261508	51.063	ug/l	100
46) Dibromomethane	7.64	93	181620	50.431	ug/l	98
47) Bromodichloromethane	7.88	83	390599	54.319	ug/l	98
48) Methyl methacrylate	7.75	41	304962	50.498	ug/l	99
49) 1,4-Dioxane	7.72	88	102114	933.471	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1905600	254.298	ug/l	100
52) Toluene	8.77	92	610899	50.701	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	416240	52.228	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	431072	51.060	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	264164	51.406	ug/l	97
56) Ethyl methacrylate	9.16	69	393583	51.520	ug/l	98
57) 1,3-Dichloropropane	9.35	76	432767	51.059	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	799009	232.503	ug/l	100
59) 2-Hexanone	9.48	43	1481446	259.994	ug/l	100
60) Dibromochloromethane	9.57	129	332245	55.114	ug/l	99
61) 1,2-Dibromoethane	9.65	107	283149	50.752	ug/l	99
64) Tetrachloroethene	9.32	164	260452	52.320	ug/l	93
65) Chlorobenzene	10.12	112	700833	51.800	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	284418	53.337	ug/l	97
67) Ethyl Benzene	10.24	91	1209243	52.557	ug/l	97
68) m/p-Xylenes	10.34	106	929357	108.219	ug/l	97
69) o-Xylene	10.68	106	444638	53.410	ug/l	99
70) Styrene	10.70	104	790428	55.754	ug/l	100
71) Bromoform	10.84	173	255823	56.245	ug/l	99
73) Isopropylbenzene	11.00	105	1238539	51.148	ug/l	100
74) N-amyl acetate	10.88	43	553887	48.210	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	396651	46.435	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	377312m	46.203	ug/l	
77) Bromobenzene	11.24	156	325975	48.701	ug/l	98
78) n-propylbenzene	11.34	91	1422341	51.731	ug/l	100
79) 2-Chlorotoluene	11.40	91	855748	50.377	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1065598	53.552	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	143099	47.326	ug/l	98
82) 4-Chlorotoluene	11.49	91	1027452	50.879	ug/l	99
83) tert-Butylbenzene	11.76	119	1023003	52.095	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	1084505	53.308	ug/l	100
85) sec-Butylbenzene	11.93	105	1208525	54.118	ug/l	100
86) p-Isopropyltoluene	12.05	119	1127080	54.945	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	579338	49.298	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	581024	49.379	ug/l	97
89) n-Butylbenzene	12.37	91	958732	51.208	ug/l	99
90) Hexachloroethane	12.58	117	225708	55.926	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	569054	51.441	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	102227	47.862	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	365968	49.612	ug/l	98
94) Hexachlorobutadiene	13.77	225	156319	53.726	ug/l	97
95) Naphthalene	13.82	128	1254709	51.684	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	363191	49.829	ug/l	98

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

