

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019839.D
 Acq On : 10 Dec 2020 20:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 5:36:30 PM

Quant Time: Dec 11 02:51:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	258251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	423846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	399087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	198154	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	164777	48.55	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.10%
35) Dibromofluoromethane	5.46	113	133035	48.57	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.14%
50) Toluene-d8	8.70	98	508905	48.66	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.32%
62) 4-Bromofluorobenzene	11.12	95	193442	48.60	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	121423	51.355	ug/l 99
3) Chloromethane	1.31	50	135630	48.776	ug/l 100
4) Vinyl Chloride	1.39	62	153195	52.250	ug/l 99
5) Bromomethane	1.62	94	47305	48.591	ug/l 98
6) Chloroethane	1.70	64	101372	57.556	ug/l 98
7) Trichlorofluoromethane	1.91	101	217036	53.153	ug/l 98
8) Diethyl Ether	2.17	74	91637	52.959	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	130514	55.765	ug/l 99
10) Methyl Iodide	2.49	142	161144	46.711	ug/l 100
11) Tert butyl alcohol	3.02	59	188061	269.715	ug/l 99
12) 1,1-Dichloroethene	2.36	96	127662	53.954	ug/l 99
13) Acrolein	2.27	56	85348	227.806	ug/l 98
14) Allyl chloride	2.70	41	209224	52.356	ug/l 99
15) Acrylonitrile	3.11	53	429188	279.708	ug/l 99
16) Acetone	2.42	43	333641	261.518	ug/l 98
17) Carbon Disulfide	2.55	76	317595	46.779	ug/l 100
18) Methyl Acetate	2.75	43	182052	58.313	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	472716	54.858	ug/l 99
20) Methylene Chloride	2.83	84	158545	54.564	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	145702	52.818	ug/l 98
22) Diisopropyl ether	3.82	45	454339	56.232	ug/l 94
23) Vinyl Acetate	3.78	43	1933298	280.857	ug/l 100
24) 1,1-Dichloroethane	3.67	63	265007	54.390	ug/l 100
25) 2-Butanone	4.63	43	541122	276.030	ug/l 99
26) 2,2-Dichloropropane	4.55	77	202314	48.217	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	173081	53.615	ug/l 98
28) Bromochloromethane	4.98	49	119033	51.248	ug/l 100
29) Tetrahydrofuran	5.09	42	350968	277.875	ug/l 100
30) Chloroform	5.17	83	275499	54.991	ug/l 99
31) Cyclohexane	5.55	56	222072	52.598	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	232995	54.004	ug/l 100
36) 1,1-Dichloropropene	5.77	75	195617	51.075	ug/l 100
37) Ethyl Acetate	4.79	43	209632	54.210	ug/l 99
38) Carbon Tetrachloride	5.75	117	196187	52.309	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	231176	51.375	ug/l	98
40) Benzene	6.11	78	619715	52.969	ug/l	100
41) Methacrylonitrile	5.00	41	116864	55.042	ug/l	99
42) 1,2-Dichloroethane	6.16	62	214331	53.618	ug/l	100
43) Isopropyl Acetate	6.41	43	335683	53.393	ug/l	100
44) Trichloroethene	7.19	130	156837	51.092	ug/l	99
45) 1,2-Dichloropropane	7.49	63	158091	54.066	ug/l	99
46) Dibromomethane	7.63	93	106473	53.920	ug/l	99
47) Bromodichloromethane	7.87	83	210433	53.705	ug/l	100
48) Methyl methacrylate	7.74	41	167958	54.320	ug/l	99
49) 1,4-Dioxane	7.71	88	80023	1068.352	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1074771	280.003	ug/l	100
52) Toluene	8.76	92	386086	52.763	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	228992	52.664	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	250785	53.089	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	161813	54.874	ug/l	98
56) Ethyl methacrylate	9.16	69	246385	55.226	ug/l	99
57) 1,3-Dichloropropane	9.35	76	270608	53.744	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	663015	280.524	ug/l	100
59) 2-Hexanone	9.47	43	823000	276.612	ug/l	100
60) Dibromochloromethane	9.56	129	164859	55.027	ug/l	100
61) 1,2-Dibromoethane	9.65	107	167396	53.460	ug/l	100
64) Tetrachloroethene	9.32	164	138501	51.750	ug/l	97
65) Chlorobenzene	10.12	112	403208	50.712	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	154861	54.114	ug/l	99
67) Ethyl Benzene	10.23	91	734245	52.025	ug/l	100
68) m/p-Xylenes	10.34	106	551890	103.776	ug/l	100
69) o-Xylene	10.68	106	266740	52.141	ug/l	100
70) Styrene	10.70	104	463074	53.629	ug/l	100
71) Bromoform	10.84	173	117813	52.332	ug/l	97
73) Isopropylbenzene	11.00	105	712679	52.644	ug/l	100
74) N-amyl acetate	10.88	43	287980	53.082	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	258746	54.212	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	237646m	53.473	ug/l	
77) Bromobenzene	11.24	156	179277	51.747	ug/l	99
78) n-propylbenzene	11.34	91	819185	52.980	ug/l	99
79) 2-Chlorotoluene	11.40	91	495633	52.052	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	602363	52.721	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.05	75	80609	52.433	ug/l	98
82) 4-Chlorotoluene	11.49	91	584956	52.454	ug/l	99
83) tert-Butylbenzene	11.76	119	601795	53.705	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	618713	53.758	ug/l	99
85) sec-Butylbenzene	11.93	105	695283	54.346	ug/l	100
86) p-Isopropyltoluene	12.05	119	633554	54.034	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	322264	50.682	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	326598	50.429	ug/l	99
89) n-Butylbenzene	12.37	91	552064	53.144	ug/l	99
90) Hexachloroethane	12.58	117	107213	52.963	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	324519	52.354	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56308	54.878	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	213027	52.795	ug/l	99
94) Hexachlorobutadiene	13.76	225	92684	51.393	ug/l	99
95) Naphthalene	13.82	128	724862	55.412	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	215920	54.756	ug/l	99

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

