

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016897.D
 Acq On : 19 Jun 2020 21:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 12:23:32 PM

Quant Time: Jun 22 06:26:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	269819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	422872	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	461526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	214004	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	177148	54.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.18%	
35) Dibromofluoromethane	5.47	113	130337	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
50) Toluene-d8	8.70	98	503782	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
62) 4-Bromofluorobenzene	11.12	95	209089	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	171674	51.846	ug/l	98
3) Chloromethane	1.31	50	173913	51.798	ug/l	100
4) Vinyl Chloride	1.39	62	198388	52.426	ug/l	100
5) Bromomethane	1.62	94	93736	41.139	ug/l	98
6) Chloroethane	1.71	64	123375	52.936	ug/l	99
7) Trichlorofluoromethane	1.92	101	266116	50.269	ug/l	99
8) Diethyl Ether	2.17	74	108297	52.616	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	146762	52.047	ug/l	97
10) Methyl Iodide	2.49	142	101058	37.646	ug/l	97
11) Tert butyl alcohol	3.01	59	147616	269.087	ug/l	99
12) 1,1-Dichloroethene	2.36	96	157321	54.561	ug/l	98
13) Acrolein	2.27	56	150115	451.336	ug/l	99
14) Allyl chloride	2.71	41	202928	53.206	ug/l	95
15) Acrylonitrile	3.12	53	352520	280.418	ug/l	99
16) Acetone	2.42	43	356711	302.808	ug/l	99
17) Carbon Disulfide	2.55	76	432131	57.991	ug/l	99
18) Methyl Acetate	2.75	43	172598	57.618	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	443015	53.913	ug/l	100
20) Methylene Chloride	2.84	84	140154	49.613	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	137826	50.638	ug/l	97
22) Diisopropyl ether	3.82	45	427338	58.480	ug/l	98
23) Vinyl Acetate	3.79	43	1691466	280.713	ug/l	100
24) 1,1-Dichloroethane	3.67	63	240301	52.645	ug/l	99
25) 2-Butanone	4.64	43	469508	289.597	ug/l	98
26) 2,2-Dichloropropane	4.55	77	193971	45.358	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	158827	51.918	ug/l	99
28) Bromochloromethane	4.98	49	98024	51.741	ug/l	97
29) Tetrahydrofuran	5.09	42	297794	291.653	ug/l	99
30) Chloroform	5.18	83	249302	51.734	ug/l	100
31) Cyclohexane	5.55	56	204560	50.975	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	228753	50.155	ug/l	100
36) 1,1-Dichloropropene	5.77	75	218003	55.834	ug/l	99
37) Ethyl Acetate	4.79	43	182405	52.873	ug/l	99
38) Carbon Tetrachloride	5.76	117	232050	52.967	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	200247	44.108	ug/l	98
40) Benzene	6.12	78	661921	56.498	ug/l	99
41) Methacrylonitrile	5.01	41	100388	53.601	ug/l	99
42) 1,2-Dichloroethane	6.16	62	232222	55.702	ug/l	100
43) Isopropyl Acetate	6.41	43	373322	61.968	ug/l	99
44) Trichloroethene	7.19	130	165680	46.176	ug/l	97
45) 1,2-Dichloropropane	7.49	63	143023	48.561	ug/l	98
46) Dibromomethane	7.64	93	97836	48.984	ug/l	99
47) Bromodichloromethane	7.88	83	203324	47.864	ug/l	98
48) Methyl methacrylate	7.74	41	146195	51.534	ug/l	98
49) 1,4-Dioxane	7.71	88	65213	1026.930	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	919671	253.810	ug/l	99
52) Toluene	8.76	92	368892	47.464	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	228463	48.921	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	242452	48.529	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	148279	50.531	ug/l	98
56) Ethyl methacrylate	9.16	69	231349	54.460	ug/l	98
57) 1,3-Dichloropropane	9.35	76	244826	49.215	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	551941	279.231	ug/l	98
59) 2-Hexanone	9.48	43	700609	267.002	ug/l	100
60) Dibromochloromethane	9.57	129	203997	57.950	ug/l	99
61) 1,2-Dibromoethane	9.65	107	180458	56.667	ug/l	99
64) Tetrachloroethene	9.32	164	167994	39.308	ug/l	99
65) Chlorobenzene	10.12	112	485487	51.947	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	183048	50.536	ug/l	98
67) Ethyl Benzene	10.24	91	812379	51.519	ug/l	100
68) m/p-Xylenes	10.34	106	628926	102.496	ug/l	99
69) o-Xylene	10.68	106	301550	53.148	ug/l	98
70) Styrene	10.70	104	534360	55.430	ug/l	99
71) Bromoform	10.84	173	158041	51.897	ug/l #	99
73) Isopropylbenzene	11.01	105	786646	57.091	ug/l	100
74) N-amyl acetate	10.88	43	335553	69.741	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	204550	52.574	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	202716m	51.866	ug/l	
77) Bromobenzene	11.24	156	190463	50.685	ug/l	99
78) n-propylbenzene	11.34	91	791554	51.475	ug/l	100
79) 2-Chlorotoluene	11.40	91	478815	50.892	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	601740	50.616	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	80026	50.141	ug/l	98
82) 4-Chlorotoluene	11.49	91	559781	49.594	ug/l	99
83) tert-Butylbenzene	11.76	119	568439	48.326	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	617859	50.453	ug/l	97
85) sec-Butylbenzene	11.93	105	649847	47.570	ug/l	99
86) p-Isopropyltoluene	12.05	119	622977	49.772	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	338059	49.241	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	330546	47.607	ug/l	99
89) n-Butylbenzene	12.37	91	493535	45.982	ug/l	100
90) Hexachloroethane	12.58	117	109830	48.712	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	314498	47.452	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	49533	53.693	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	221111	49.682	ug/l	100
94) Hexachlorobutadiene	13.77	225	73904	36.800	ug/l	98
95) Naphthalene	13.82	128	719405	55.059	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	220618	49.708	ug/l	99

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

