

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016836.D
 Acq On : 17 Jun 2020 22:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 11:17:11 AM

Quant Time: Jun 18 03:07:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	266422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	400241	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	438178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	205372	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	161775	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	
35) Dibromofluoromethane	5.46	113	116343	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
50) Toluene-d8	8.70	98	445402	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
62) 4-Bromofluorobenzene	11.12	95	171788	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	161015	53.485	ug/l	99
3) Chloromethane	1.31	50	158169	54.385	ug/l	99
4) Vinyl Chloride	1.39	62	178001	57.359	ug/l	98
5) Bromomethane	1.62	94	97361	50.517	ug/l	96
6) Chloroethane	1.71	64	108645	56.835	ug/l	95
7) Trichlorofluoromethane	1.92	101	240880	53.894	ug/l	100
8) Diethyl Ether	2.17	74	93952	51.476	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	128852	56.665	ug/l	98
10) Methyl Iodide	2.49	142	123340	43.396	ug/l	98
11) Tert butyl alcohol	3.01	59	171767	228.159	ug/l	100
12) 1,1-Dichloroethene	2.36	96	135500	52.036	ug/l	97
13) Acrolein	2.27	56	84950	264.873	ug/l	96
14) Allyl chloride	2.71	41	182957	44.924	ug/l	99
15) Acrylonitrile	3.11	53	357058	233.732	ug/l	100
16) Acetone	2.42	43	332260	244.428	ug/l	99
17) Carbon Disulfide	2.55	76	322828	43.288	ug/l	100
18) Methyl Acetate	2.75	43	183216	50.496	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	402133	45.311	ug/l	98
20) Methylene Chloride	2.83	84	128504	43.888	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	124306	44.423	ug/l	97
22) Diisopropyl ether	3.82	45	356284	46.574	ug/l	99
23) Vinyl Acetate	3.78	43	1526025	230.798	ug/l	99
24) 1,1-Dichloroethane	3.67	63	216542	45.258	ug/l	99
25) 2-Butanone	4.64	43	486265	237.358	ug/l	100
26) 2,2-Dichloropropane	4.56	77	174098	39.297	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	142747	44.632	ug/l	98
28) Bromochloromethane	4.98	49	94530	46.315	ug/l	100
29) Tetrahydrofuran	5.09	42	314479	236.959	ug/l	99
30) Chloroform	5.18	83	228150	45.072	ug/l	100
31) Cyclohexane	5.55	56	188325	48.896	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	213932	46.576	ug/l	99
36) 1,1-Dichloropropene	5.77	75	169768	47.997	ug/l	99
37) Ethyl Acetate	4.79	43	180171	46.514	ug/l	99
38) Carbon Tetrachloride	5.76	117	192876	48.015	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	197889	48.281	ug/l	98
40) Benzene	6.12	78	592146	54.985	ug/l	100
41) Methacrylonitrile	5.00	41	99046	47.957	ug/l	98
42) 1,2-Dichloroethane	6.16	62	202419	51.499	ug/l	99
43) Isopropyl Acetate	6.42	43	331836	54.661	ug/l	99
44) Trichloroethene	7.19	130	158055	47.448	ug/l	99
45) 1,2-Dichloropropane	7.49	63	126180	47.797	ug/l	99
46) Dibromomethane	7.64	93	89741	46.641	ug/l	100
47) Bromodichloromethane	7.88	83	189297	47.191	ug/l	98
48) Methyl methacrylate	7.74	41	141299	49.108	ug/l	99
49) 1,4-Dioxane	7.71	88	66603	935.358	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	929118	248.368	ug/l	99
52) Toluene	8.76	92	335428	47.952	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	252867	55.812	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	219832	46.516	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	153790	54.668	ug/l	97
56) Ethyl methacrylate	9.16	69	249701	59.284	ug/l	98
57) 1,3-Dichloropropane	9.35	76	253937	53.700	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	538358	259.956	ug/l	99
59) 2-Hexanone	9.47	43	842475	291.733	ug/l	100
60) Dibromochloromethane	9.57	129	192634	57.939	ug/l	99
61) 1,2-Dibromoethane	9.65	107	179883	58.673	ug/l	98
64) Tetrachloroethene	9.32	164	192929	45.852	ug/l	98
65) Chlorobenzene	10.12	112	417613	46.970	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	160668	45.298	ug/l	99
67) Ethyl Benzene	10.23	91	712677	47.415	ug/l	99
68) m/p-Xylenes	10.34	106	535396	93.947	ug/l	99
69) o-Xylene	10.68	106	236286	43.037	ug/l	98
70) Styrene	10.70	104	411820	43.390	ug/l	99
71) Bromoform	10.84	173	129676	42.850	ug/l #	98
73) Isopropylbenzene	11.00	105	636884	47.262	ug/l	99
74) N-amyl acetate	10.88	43	250740	47.874	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	180565	45.551	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	191982m	44.452	ug/l	
77) Bromobenzene	11.24	156	169275	44.488	ug/l	100
78) n-propylbenzene	11.34	91	712214	48.667	ug/l	99
79) 2-Chlorotoluene	11.40	91	438209	47.353	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	548384	48.545	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	72397	42.200	ug/l	97
82) 4-Chlorotoluene	11.49	91	512160	47.282	ug/l	99
83) tert-Butylbenzene	11.76	119	513304	49.660	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	554776	48.548	ug/l	100
85) sec-Butylbenzene	11.93	105	603642	49.926	ug/l	100
86) p-Isopropyltoluene	12.05	119	583504	50.298	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	300524	46.719	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	303655	45.520	ug/l	100
89) n-Butylbenzene	12.37	91	479382	50.057	ug/l	99
90) Hexachloroethane	12.58	117	101921	47.642	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	292459	45.464	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51011	46.017	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	218967	48.607	ug/l	97
94) Hexachlorobutadiene	13.77	225	90750	45.814	ug/l	98
95) Naphthalene	13.82	128	697008	49.388	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	211316	47.659	ug/l	100

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

