

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082119\
 Data File : VX011737.D
 Acq On : 21 Aug 2019 17:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/22/2019 10:01:20 AM

Quant Time: Aug 22 04:08:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	362993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	492095	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	463139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	252853	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	167559	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
35) Dibromofluoromethane	5.49	113	158520	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	8.71	98	497131	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.13	95	209459	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	183150	51.331	ug/l	98
3) Chloromethane	1.32	50	144942	39.112	ug/l	99
4) Vinyl Chloride	1.40	62	147579	44.085	ug/l	99
5) Bromomethane	1.63	94	73064	48.710	ug/l	97
6) Chloroethane	1.71	64	88427	55.812	ug/l	99
7) Trichlorofluoromethane	1.92	101	246280	53.114	ug/l	98
8) Diethyl Ether	2.18	74	81922	51.505	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	147963	46.200	ug/l	97
10) Methyl Iodide	2.50	142	164830	36.128	ug/l	96
11) Tert butyl alcohol	3.04	59	206463	250.002	ug/l	98
12) 1,1-Dichloroethene	2.36	96	142041	45.892	ug/l	99
13) Acrolein	2.29	56	70895	277.580	ug/l	99
14) Allyl chloride	2.72	41	227897	44.263	ug/l	93
15) Acrylonitrile	3.14	53	471454	249.431	ug/l	100
16) Acetone	2.43	43	392439	231.852	ug/l	98
17) Carbon Disulfide	2.56	76	303481	41.612	ug/l	100
18) Methyl Acetate	2.76	43	259770	49.485	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	538897	53.461	ug/l	98
20) Methylene Chloride	2.85	84	165989	46.706	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	162095	49.421	ug/l	97
22) Diisopropyl ether	3.85	45	520695	50.782	ug/l	99
23) Vinyl Acetate	3.81	43	2090970	257.525	ug/l	99
24) 1,1-Dichloroethane	3.69	63	291300	50.248	ug/l	99
25) 2-Butanone	4.66	43	679181	255.592	ug/l	97
26) 2,2-Dichloropropane	4.57	77	222158	50.916	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	190599	49.849	ug/l	99
28) Bromochloromethane	5.01	49	125233	49.210	ug/l	95
29) Tetrahydrofuran	5.12	42	436036	250.150	ug/l	97
30) Chloroform	5.20	83	315468	51.563	ug/l	98
31) Cyclohexane	5.57	56	239710	48.025	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	280185	53.260	ug/l	99
36) 1,1-Dichloropropene	5.79	75	214604	51.007	ug/l	99
37) Ethyl Acetate	4.82	43	249490	51.556	ug/l	99
38) Carbon Tetrachloride	5.78	117	245398	52.940	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	260888	50.211	ug/l	99
40) Benzene	6.13	78	641085	49.032	ug/l	99
41) Methacrylonitrile	5.03	41	140673	52.817	ug/l	98
42) 1,2-Dichloroethane	6.18	62	246961	54.518	ug/l	98
43) Isopropyl Acetate	6.44	43	384191	50.871	ug/l	99
44) Trichloroethene	7.21	130	200336	51.651	ug/l	98
45) 1,2-Dichloropropane	7.51	63	170187	52.193	ug/l	94
46) Dibromomethane	7.65	93	122172	51.559	ug/l	98
47) Bromodichloromethane	7.90	83	234198	53.829	ug/l	100
48) Methyl methacrylate	7.76	41	199567	53.361	ug/l	98
49) 1,4-Dioxane	7.74	88	101163	1016.974	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1313596	265.736	ug/l	99
52) Toluene	8.78	92	437616	52.537	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	248647	55.067	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	275360	55.724	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	184706	52.144	ug/l	98
56) Ethyl methacrylate	9.18	69	276661	53.737	ug/l	98
57) 1,3-Dichloropropane	9.37	76	288494	51.236	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	690498	269.173	ug/l	100
59) 2-Hexanone	9.49	43	996691	261.461	ug/l	100
60) Dibromochloromethane	9.58	129	202571	54.888	ug/l	98
61) 1,2-Dibromoethane	9.67	107	195096	51.607	ug/l	98
64) Tetrachloroethene	9.34	164	186185	48.996	ug/l	99
65) Chlorobenzene	10.13	112	468760	47.453	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	188667	51.099	ug/l	99
67) Ethyl Benzene	10.25	91	830309	50.364	ug/l	100
68) m/p-Xylenes	10.35	106	642438	101.520	ug/l	97
69) o-Xylene	10.69	106	305350	49.261	ug/l	99
70) Styrene	10.71	104	533713	51.146	ug/l	99
71) Bromoform	10.85	173	165702	46.434	ug/l #	99
73) Isopropylbenzene	11.02	105	853056	51.993	ug/l	99
74) N-amyl acetate	10.90	43	342787	49.162	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	271589	48.119	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	238384m	49.718	ug/l	
77) Bromobenzene	11.25	156	227428	46.590	ug/l	97
78) n-propylbenzene	11.36	91	914642	51.698	ug/l	99
79) 2-Chlorotoluene	11.42	91	559127	51.467	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	718559	52.135	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	80487	45.880	ug/l	95
82) 4-Chlorotoluene	11.51	91	654053	51.894	ug/l	98
83) tert-Butylbenzene	11.77	119	712499	50.757	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	726085	52.475	ug/l	100
85) sec-Butylbenzene	11.94	105	826033	52.157	ug/l	100
86) p-Isopropyltoluene	12.06	119	772349	51.837	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	411969	49.099	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	422517	49.684	ug/l	99
89) n-Butylbenzene	12.38	91	642710	52.469	ug/l	100
90) Hexachloroethane	12.59	117	125815	53.474	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	425553	50.525	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	66859	51.778	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	326425	52.014	ug/l	99
94) Hexachlorobutadiene	13.78	225	173746	50.844	ug/l	98
95) Naphthalene	13.83	128	983281	55.422	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	342373	54.089	ug/l	99

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

