

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011719\
 Data File : VX007078.D
 Acq On : 17 Jan 2019 10:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 10:23:19 AM

Quant Time: Jan 18 05:32:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	520779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	752367	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	701450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	374502	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	254332	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	
35) Dibromofluoromethane	5.50	113	230543	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
50) Toluene-d8	8.71	98	866591	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.13	95	320725	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	217895	50.950	ug/l	98
3) Chloromethane	1.33	50	233848	46.971	ug/l	100
4) Vinyl Chloride	1.41	62	248553	46.411	ug/l	98
5) Bromomethane	1.64	94	250247	43.736	ug/l	97
6) Chloroethane	1.71	64	163965	43.848	ug/l	100
7) Trichlorofluoromethane	1.93	101	403875	46.674	ug/l	100
8) Diethyl Ether	2.19	74	155004	45.026	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	246144	47.513	ug/l	99
10) Methyl Iodide	2.51	142	363436	52.008	ug/l	100
11) Tert butyl alcohol	3.07	59	291240	226.845	ug/l	98
12) 1,1-Dichloroethene	2.37	96	221376	46.251	ug/l	98
13) Acrolein	2.29	56	124999	226.046	ug/l	98
14) Allyl chloride	2.73	41	383372	46.736	ug/l	99
15) Acrylonitrile	3.15	53	698486	236.992	ug/l	100
16) Acetone	2.45	43	643645	239.216	ug/l	99
17) Carbon Disulfide	2.57	76	517843	42.023	ug/l	100
18) Methyl Acetate	2.78	43	371433	47.669	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	782524	47.104	ug/l	99
20) Methylene Chloride	2.85	84	253237	49.477	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	240112	45.016	ug/l	99
22) Diisopropyl ether	3.87	45	733444	47.560	ug/l	97
23) Vinyl Acetate	3.82	43	3133725	240.960	ug/l	97
24) 1,1-Dichloroethane	3.70	63	428477	49.689	ug/l	98
25) 2-Butanone	4.70	43	929812	241.515	ug/l	98
26) 2,2-Dichloropropane	4.58	77	315391	47.564	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	268310	45.605	ug/l	97
28) Bromochloromethane	5.02	49	179626	47.545	ug/l	95
29) Tetrahydrofuran	5.15	42	584292	233.533	ug/l	98
30) Chloroform	5.21	83	433471	48.012	ug/l	98
31) Cyclohexane	5.57	56	355488	46.318	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	367905	48.076	ug/l	98
36) 1,1-Dichloropropene	5.80	75	317586	48.552	ug/l	99
37) Ethyl Acetate	4.85	43	342864	48.891	ug/l	98
38) Carbon Tetrachloride	5.78	117	325000	49.383	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	404435	48.499	ug/l	98
40) Benzene	6.14	78	957358	47.966	ug/l	100
41) Methacrylonitrile	5.06	41	192765	47.715	ug/l	97
42) 1,2-Dichloroethane	6.20	62	328092	47.569	ug/l	99
43) Isopropyl Acetate	6.46	43	548130	49.552	ug/l	98
44) Trichloroethene	7.21	130	284609	47.586	ug/l	98
45) 1,2-Dichloropropane	7.51	63	246329	49.091	ug/l	98
46) Dibromomethane	7.66	93	173176	49.107	ug/l	97
47) Bromodichloromethane	7.90	83	310688	51.758	ug/l	98
48) Methyl methacrylate	7.77	41	282317	49.698	ug/l	97
49) 1,4-Dioxane	7.75	88	127927	986.000	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1821817	256.272	ug/l	99
52) Toluene	8.78	92	629832	49.096	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	348688	52.386	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	377525	51.359	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	264492	51.510	ug/l	98
56) Ethyl methacrylate	9.18	69	384055	51.234	ug/l	94
57) 1,3-Dichloropropane	9.37	76	417801	49.666	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1005827	260.972	ug/l	98
59) 2-Hexanone	9.49	43	1390165	256.611	ug/l	99
60) Dibromochloromethane	9.58	129	275704	55.296	ug/l	99
61) 1,2-Dibromoethane	9.67	107	282307	49.941	ug/l	99
64) Tetrachloroethene	9.34	164	297872	49.049	ug/l	97
65) Chlorobenzene	10.13	112	743458	48.595	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	267688	52.013	ug/l	99
67) Ethyl Benzene	10.25	91	1241331	49.148	ug/l	100
68) m/p-Xylenes	10.36	106	986445	99.132	ug/l	100
69) o-Xylene	10.69	106	475929	49.042	ug/l	97
70) Styrene	10.71	104	769831	50.087	ug/l	98
71) Bromoform	10.86	173	207789	45.588	ug/l #	100
73) Isopropylbenzene	11.02	105	1281098	48.512	ug/l	99
74) N-amyl acetate	10.90	43	502811	47.291	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	387219	46.188	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	369588m	48.700	ug/l	
77) Bromobenzene	11.26	156	345332	47.460	ug/l	99
78) n-propylbenzene	11.36	91	1451580	50.072	ug/l	99
79) 2-Chlorotoluene	11.42	91	841993	48.250	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1063316	48.189	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	109703	44.106	ug/l	99
82) 4-Chlorotoluene	11.51	91	984417	48.721	ug/l	100
83) tert-Butylbenzene	11.77	119	1050740	47.727	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1094852	49.342	ug/l	100
85) sec-Butylbenzene	11.94	105	1313802	49.969	ug/l	100
86) p-Isopropyltoluene	12.06	119	1179087	50.136	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	627762	47.732	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	626947	50.312	ug/l	100
89) n-Butylbenzene	12.38	91	1023849	51.070	ug/l	99
90) Hexachloroethane	12.60	117	180205	48.114	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	608251	46.865	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	81644	49.241	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	438927	49.293	ug/l	99
94) Hexachlorobutadiene	13.78	225	201814	51.073	ug/l	99
95) Naphthalene	13.83	128	1313269	48.671	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	433921	49.055	ug/l	98

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

