

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073118\
 Data File : VX003744.D
 Acq On : 31 Jul 2018 11:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00G/5.0mL/MSVOA X/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 8/1/2018 5:37:33 PM

Quant Time: Jul 31 13:35:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	116081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	151455	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	146547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	79934	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	59578	50.75	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.50%	
35) Dibromofluoromethane	5.49	113	53415	59.90	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	119.80%	
50) Toluene-d8	8.71	98	181056	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.14	95	67393	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	48820	49.83	ug/l	94
3) Chloromethane	1.32	50	63842	51.84	ug/l	95
4) Vinyl Chloride	1.40	62	70265	53.04	ug/l	90
5) Bromomethane	1.64	94	42590	59.32	ug/l	97
6) Chloroethane	1.71	64	43084	49.18	ug/l	98
7) Trichlorofluoromethane	1.93	101	90721	52.22	ug/l	95
8) Diethyl Ether	2.18	74	32078	48.86	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	55701	50.55	ug/l	95
10) Methyl Iodide	2.51	142	63739	50.31	ug/l	98
11) Tert butyl alcohol	3.06	59	53461	281.22	ug/l	97
12) 1,1-Dichloroethene	2.37	96	52812	50.90	ug/l	97
13) Acrolein	2.29	56	10274	165.19	ug/l	94
14) Allyl chloride	2.72	41	99489	54.09	ug/l	97
15) Acrylonitrile	3.14	53	134937	279.11	ug/l	96
16) Acetone	2.44	43	126660	282.45	ug/l	96
17) Carbon Disulfide	2.56	76	172565	51.12	ug/l	98
18) Methyl Acetate	2.78	43	64831	51.45	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	153143	54.23	ug/l	95
20) Methylene Chloride	2.85	84	59573	50.47	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	61856	54.41	ug/l	92
22) Diisopropyl ether	3.86	45	176627	53.20	ug/l	95
23) Vinyl Acetate	3.81	43	633853	264.69	ug/l	99
24) 1,1-Dichloroethane	3.70	63	103394	53.40	ug/l	96
25) 2-Butanone	4.68	43	164269	251.28	ug/l	98
26) 2,2-Dichloropropane	4.57	77	83799	54.95	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	62220	50.78	ug/l	95
28) Bromochloromethane	5.01	49	43574	50.17	ug/l	92
29) Tetrahydrofuran	5.15	42	98747	237.03	ug/l	100
30) Chloroform	5.21	83	99103	51.94	ug/l	97
31) Cyclohexane	5.57	56	97005	51.86	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	86999	53.05	ug/l	98
36) 1,1-Dichloropropene	5.79	75	80330	56.64	ug/l	99
37) Ethyl Acetate	4.85	43	60141	55.20	ug/l	99
38) Carbon Tetrachloride	5.78	117	77105	58.77	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	90314	51.86	ug/l	96
40) Benzene	6.14	78	226374	55.69	ug/l	97
41) Methacrylonitrile	5.04	41	35473	57.76	ug/l	97
42) 1,2-Dichloroethane	6.20	62	70277	57.25	ug/l	97
43) Isopropyl Acetate	6.45	43	89424	51.51	ug/l	99
44) Trichloroethene	7.21	130	56023	48.32	ug/l	99
45) 1,2-Dichloropropane	7.52	63	53245	53.27	ug/l	96
46) Dibromomethane	7.66	93	28806	50.01	ug/l	95
47) Bromodichloromethane	7.90	83	60911	53.06	ug/l	99
48) Methyl methacrylate	7.77	41	44233	50.80	ug/l	94
49) 1,4-Dioxane	7.75	88	15347	873.24	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	262067	245.64	ug/l	98
52) Toluene	8.78	92	129490	51.07	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	67399	51.41	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	78486	53.71	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	41800	47.90	ug/l	97
56) Ethyl methacrylate	9.18	69	60429	50.42	ug/l	94
57) 1,3-Dichloropropane	9.37	76	72178	49.27	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	159943	250.04	ug/l	97
59) 2-Hexanone	9.49	43	206046	253.52	ug/l	97
60) Dibromochloromethane	9.59	129	45190	51.42	ug/l	98
61) 1,2-Dibromoethane	9.67	107	46980	52.73	ug/l	98
64) Tetrachloroethene	9.34	164	50644	43.97	ug/l	99
65) Chlorobenzene	10.14	112	150473	49.14	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	49360	49.43	ug/l	100
67) Ethyl Benzene	10.25	91	255402	49.39	ug/l	98
68) m/p-Xylenes	10.36	106	196526	97.16	ug/l	98
69) o-Xylene	10.70	106	91033	48.47	ug/l	97
70) Styrene	10.71	104	155380	49.17	ug/l	99
71) Bromoform	10.86	173	32273	47.00	ug/l #	98
73) Isopropylbenzene	11.02	105	248856	49.73	ug/l	98
74) N-amyl acetate	6.45	43	89424	50.42	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	65548	50.38	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	58260m	52.88	ug/l	
77) Bromobenzene	11.26	156	68072	52.18	ug/l	99
78) n-propylbenzene	11.36	91	321213	52.98	ug/l	99
79) 2-Chlorotoluene	11.42	91	178194	51.77	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	219120	51.30	ug/l #	69
81) trans-1,4-Dichloro-2-buten	11.08	75	19166	51.53	ug/l	96
82) 4-Chlorotoluene	11.51	91	211533	50.67	ug/l	99
83) tert-Butylbenzene	11.77	119	205438	48.63	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	215298	48.97	ug/l	98
85) sec-Butylbenzene	11.94	105	264516	48.94	ug/l	99
86) p-Isopropyltoluene	12.07	119	236546	48.15	ug/l #	71
87) 1,3-Dichlorobenzene	12.03	146	123202	46.68	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	124985	46.42	ug/l	99
89) n-Butylbenzene	12.39	91	244129	52.22	ug/l	99
90) Hexachloroethane	12.60	117	36228	49.67	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	122096	49.68	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12608	48.84	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	93124	47.77	ug/l	99
94) Hexachlorobutadiene	13.79	225	55067	44.17	ug/l	99
95) Naphthalene	13.83	128	215740	51.78	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	84759	47.89	ug/l	99

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

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