

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003766.D
 Acq On : 31 Jul 2018 22:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00G/5.0mL/MSVOA X/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 8/1/2018 6:54:37 PM

Quant Time: Aug 01 06:51:26 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	113926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	172584	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	154982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	87113	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	59421	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
35) Dibromofluoromethane	5.50	113	53859	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
50) Toluene-d8	8.72	98	206165	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	11.14	95	77089	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48370	50.30	ug/l	97
3) Chloromethane	1.32	50	64821	53.63	ug/l	97
4) Vinyl Chloride	1.40	62	65374	50.28	ug/l #	88
5) Bromomethane	1.64	94	35810	50.53	ug/l	99
6) Chloroethane	1.71	64	45362	52.76	ug/l	100
7) Trichlorofluoromethane	1.92	101	83119	48.75	ug/l	97
8) Diethyl Ether	2.19	74	34358	53.32	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	54603	50.49	ug/l	100
10) Methyl Iodide	2.51	142	55920	44.97	ug/l	98
11) Tert butyl alcohol	3.08	59	47933	256.91	ug/l	99
12) 1,1-Dichloroethene	2.37	96	52208	51.27	ug/l	86
13) Acrolein	2.29	56	16145	264.49	ug/l	100
14) Allyl chloride	2.72	41	96474	53.44	ug/l	98
15) Acrylonitrile	3.15	53	133269	280.87	ug/l	99
16) Acetone	2.45	43	96606	219.50	ug/l	98
17) Carbon Disulfide	2.56	76	170587	51.49	ug/l	99
18) Methyl Acetate	2.78	43	59613	48.20	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	166387	60.03	ug/l	98
20) Methylene Chloride	2.86	84	65934	57.35	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	62639	56.14	ug/l	92
22) Diisopropyl ether	3.87	45	192836	59.18	ug/l #	90
23) Vinyl Acetate	3.82	43	702783	299.03	ug/l	99
24) 1,1-Dichloroethane	3.70	63	107022	56.32	ug/l	97
25) 2-Butanone	4.70	43	167427	260.96	ug/l	99
26) 2,2-Dichloropropane	4.59	77	76576	51.16	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	69896	58.13	ug/l	98
28) Bromochloromethane	5.02	49	46984	55.12	ug/l	98
29) Tetrahydrofuran	5.16	42	114176	279.25	ug/l	99
30) Chloroform	5.21	83	108497	57.94	ug/l	94
31) Cyclohexane	5.57	56	91546	49.87	ug/l	89
32) 1,1,1-Trichloroethane	5.50	97	84036	52.22	ug/l	100
36) 1,1-Dichloropropene	5.80	75	78008	48.27	ug/l	98
37) Ethyl Acetate	4.85	43	64681	52.10	ug/l	98
38) Carbon Tetrachloride	5.79	117	72036	48.19	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	99151	49.97	ug/l	97
40) Benzene	6.14	78	236900	51.15	ug/l	94
41) Methacrylonitrile	5.06	41	40102	57.30	ug/l	97
42) 1,2-Dichloroethane	6.20	62	80497	57.54	ug/l	99
43) Isopropyl Acetate	6.46	43	112585	56.91	ug/l	99
44) Trichloroethene	7.21	130	69236	52.40	ug/l	89
45) 1,2-Dichloropropane	7.52	63	61520	54.01	ug/l	96
46) Dibromomethane	7.67	93	34933	53.22	ug/l	99
47) Bromodichloromethane	7.90	83	70763	54.10	ug/l	100
48) Methyl methacrylate	7.77	41	54173	54.60	ug/l	99
49) 1,4-Dioxane	7.75	88	21313	1064.23	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	317427	261.11	ug/l	100
52) Toluene	8.79	92	146013	50.54	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	78760	52.72	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	88824	53.34	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	52441	52.74	ug/l	98
56) Ethyl methacrylate	9.18	69	76177	55.77	ug/l	99
57) 1,3-Dichloropropane	9.37	76	89105	53.38	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	198744	271.20	ug/l	100
59) 2-Hexanone	9.50	43	237604	256.55	ug/l	100
60) Dibromochloromethane	9.59	129	53826	53.75	ug/l	100
61) 1,2-Dibromoethane	9.68	107	53531	52.73	ug/l	98
64) Tetrachloroethene	9.34	164	65592	53.84	ug/l	98
65) Chlorobenzene	10.14	112	168976	52.17	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	56477	53.48	ug/l	99
67) Ethyl Benzene	10.26	91	282400	51.64	ug/l	100
68) m/p-Xylenes	10.36	106	222303	103.92	ug/l	99
69) o-Xylene	10.70	106	105536	53.13	ug/l	99
70) Styrene	10.71	104	181676	54.37	ug/l	99
71) Bromoform	10.86	173	38606	53.16	ug/l #	99
73) Isopropylbenzene	11.02	105	286659	52.56	ug/l	100
74) N-amyl acetate	6.46	43	112585	58.24	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	11.27	83	74216	52.35	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	64044m	53.34	ug/l	
77) Bromobenzene	11.26	156	74824	52.63	ug/l	98
78) n-propylbenzene	11.36	91	343971	52.06	ug/l	100
79) 2-Chlorotoluene	11.42	91	197665	52.70	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	247679	53.21	ug/l #	68
81) trans-1,4-Dichloro-2-buten	11.08	75	20627	50.88	ug/l	96
82) 4-Chlorotoluene	11.51	91	239279	52.59	ug/l	100
83) tert-Butylbenzene	11.77	119	238485	51.80	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	255930	53.42	ug/l	99
85) sec-Butylbenzene	11.95	105	304817	51.75	ug/l	100
86) p-Isopropyltoluene	12.07	119	277156	51.77	ug/l #	70
87) 1,3-Dichlorobenzene	12.03	146	146640	50.99	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	148394	50.57	ug/l	100
89) n-Butylbenzene	12.39	91	263401	51.70	ug/l	99
90) Hexachloroethane	12.60	117	41048	51.64	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	139077	51.93	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14337	50.96	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	103045	48.50	ug/l	100
94) Hexachlorobutadiene	13.79	225	63295	46.58	ug/l	100
95) Naphthalene	13.83	128	263475	58.03	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	87980	45.62	ug/l	99

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

