

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003777.D
 Acq On : 01 Aug 2018 04:19
 Operator : JC/SP
 Sample : J4143-02MS
 Misc : 9.53G/5.0mL/MSVOA X/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1(3-5)MS

Manual Integrations
 APPROVED

apatel
 8/1/2018 6:54:47 PM

Quant Time: Aug 01 07:30:17 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	75587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	110886	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	85971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	32908	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	40882	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	
35) Dibromofluoromethane	5.51	113	37326	57.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.34%	
50) Toluene-d8	8.72	98	144706	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
62) 4-Bromofluorobenzene	11.14	95	39229	39.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	32149	50.39	ug/l	96
3) Chloromethane	1.32	50	40815	50.89	ug/l	100
4) Vinyl Chloride	1.40	62	40694	47.17	ug/l #	89
5) Bromomethane	1.64	94	24901	53.05	ug/l	96
6) Chloroethane	1.73	64	30758	53.92	ug/l	93
7) Trichlorofluoromethane	1.93	101	57216	50.58	ug/l	96
8) Diethyl Ether	2.19	74	25629	59.95	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	36127	50.35	ug/l	99
10) Methyl Iodide	2.51	142	29556	35.83	ug/l	99
11) Tert butyl alcohol	3.07	59	25455	205.64	ug/l	99
12) 1,1-Dichloroethene	2.38	96	33495	49.58	ug/l	93
14) Allyl chloride	2.73	41	47578	39.73	ug/l	96
15) Acrylonitrile	3.15	53	71724	227.84	ug/l	99
16) Acetone	2.45	43	76620	262.39	ug/l	96
17) Carbon Disulfide	2.57	76	75426	34.31	ug/l	99
18) Methyl Acetate	2.78	43	101436	123.61	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	124740	67.83	ug/l	98
20) Methylene Chloride	2.86	84	44369	58.22	ug/l	86
21) trans-1,2-Dichloroethene	3.16	96	34274	46.30	ug/l	97
22) Diisopropyl ether	3.87	45	136006	62.91	ug/l	97
23) Vinyl Acetate	3.83	43	50179	32.18	ug/l	100
24) 1,1-Dichloroethane	3.70	63	72898	57.82	ug/l	98
25) 2-Butanone	4.70	43	103071	242.13	ug/l	98
26) 2,2-Dichloropropane	4.59	77	41960	42.26	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	41479	51.99	ug/l	99
28) Bromochloromethane	5.03	49	30149	53.31	ug/l	97
29) Tetrahydrofuran	5.15	42	64025	236.01	ug/l	99
30) Chloroform	5.22	83	77183	62.12	ug/l	95
31) Cyclohexane	5.57	56	54314	44.60	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	57669	54.01	ug/l	98
36) 1,1-Dichloropropene	5.81	75	47308	45.56	ug/l	98
37) Ethyl Acetate	4.85	43	27930	35.01	ug/l	99
38) Carbon Tetrachloride	5.78	117	46065	47.96	ug/l	93
39) Methylcyclohexane	7.46	83	42361	33.23	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.15	78	159290	53.53	ug/l	97
41) Methacrylonitrile	5.06	41	23632	52.56	ug/l	99
42) 1,2-Dichloroethane	6.20	62	49473	55.04	ug/l	99
43) Isopropyl Acetate	6.46	43	60778	47.82	ug/l	99
44) Trichloroethene	7.21	130	38125	44.91	ug/l	98
45) 1,2-Dichloropropane	7.52	63	43443	59.36	ug/l	91
46) Dibromomethane	7.67	93	21818	51.74	ug/l	98
47) Bromodichloromethane	7.90	83	47499	56.52	ug/l	97
48) Methyl methacrylate	7.77	41	37027	58.08	ug/l	99
49) 1,4-Dioxane	7.75	88	10559	820.61	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	206651	264.57	ug/l	98
52) Toluene	8.79	92	105543	56.86	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	47201	49.18	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	50729	47.42	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	41010	64.19	ug/l	97
56) Ethyl methacrylate	9.18	69	45616	51.98	ug/l	95
57) 1,3-Dichloropropane	9.37	76	62517	58.29	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	115455	246.76	ug/l	100
59) 2-Hexanone	9.49	43	136934	230.12	ug/l	98
60) Dibromochloromethane	9.59	129	34439	53.53	ug/l	98
61) 1,2-Dibromoethane	9.68	107	32547	49.90	ug/l	99
64) Tetrachloroethene	9.34	164	41504	61.42	ug/l	89
65) Chlorobenzene	10.14	112	92331	51.39	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	35977	61.41	ug/l	99
67) Ethyl Benzene	10.26	91	156890	51.72	ug/l	99
68) m/p-Xylenes	10.36	106	118939	100.23	ug/l	98
69) o-Xylene	10.70	106	58840	53.40	ug/l	98
70) Stvrene	10.71	104	91558	49.39	ug/l	99
71) Bromoform	10.86	173	21784	54.08	ug/l	# 99
73) Isopropylbenzene	11.02	105	140206	68.06	ug/l	99
74) N-amyl acetate	6.46	43	60778	83.23	ug/l	# 57
75) 1,1,2,2-Tetrachloroethane	11.27	83	43087	80.45	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	36278m	79.98	ug/l	
77) Bromobenzene	11.26	156	37854	70.48	ug/l	97
78) n-propylbenzene	11.36	91	146619	58.75	ug/l	99
79) 2-Chlorotoluene	11.42	91	91733	64.74	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	107448	61.10	ug/l	# 68
81) trans-1,4-Dichloro-2-buten	11.08	75	8048	52.55	ug/l	93
82) 4-Chlorotoluene	11.51	91	103498	60.22	ug/l	100
83) tert-Butylbenzene	11.77	119	95964	55.18	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	109585	60.54	ug/l	98
85) sec-Butylbenzene	11.94	105	106050	47.66	ug/l	99
86) p-Isopropyltoluene	12.07	119	94835	46.89	ug/l	# 71
87) 1,3-Dichlorobenzene	12.03	146	54489	50.15	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	55761	50.30	ug/l	99
89) n-Butylbenzene	12.39	91	70994	36.88	ug/l	99
90) Hexachloroethane	12.60	117	12465	41.51	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	54609	53.97	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	6397	60.19	ug/l	92
93) 1,2,4-Trichlorobenzene	13.65	180	22685	28.26	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	9677	18.85	ug/l	98
95) Naphthalene	13.83	128	116765	68.08	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	20555	28.21	ug/l	99

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

