

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003778.D
 Acq On : 01 Aug 2018 04:44
 Operator : JC/SP
 Sample : J4143-03MSD
 Misc : 10.13G/5.0mL/MSVOA X/SOIL
 ALS Vial : 37 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

apatel
 8/1/2018 6:54:51 PM

Quant Time: Aug 01 07:35:26 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	74535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	108173	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	84246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	36879	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	39585	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
35) Dibromofluoromethane	5.51	113	36865	57.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.76%	
50) Toluene-d8	8.72	98	147338	55.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.96%	
62) 4-Bromofluorobenzene	11.14	95	38461	39.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	37778	60.05	ug/l	96
3) Chloromethane	1.32	50	43639	55.18	ug/l	100
4) Vinyl Chloride	1.40	62	46245	54.36	ug/l	94
5) Bromomethane	1.64	94	26401	57.20	ug/l	100
6) Chloroethane	1.72	64	32903	58.49	ug/l	93
7) Trichlorofluoromethane	1.93	101	66768	59.86	ug/l	95
8) Diethyl Ether	2.19	74	26809	63.59	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	39979	56.50	ug/l	97
10) Methyl Iodide	2.51	142	33018	40.59	ug/l	99
11) Tert butyl alcohol	3.07	59	26124	214.02	ug/l	100
12) 1,1-Dichloroethene	2.37	96	36266	54.44	ug/l	92
13) Acrolein	2.29	56	77	1.93	ug/l #	11
14) Allyl chloride	2.73	41	54777	46.38	ug/l	99
15) Acrylonitrile	3.15	53	71028	228.81	ug/l	97
16) Acetone	2.45	43	102063	354.46	ug/l	99
17) Carbon Disulfide	2.57	76	92019	42.45	ug/l	98
18) Methyl Acetate	2.78	43	85848	106.09	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	118170	65.16	ug/l	99
20) Methylene Chloride	2.86	84	46771	62.47	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	35239	48.27	ug/l	88
22) Diisopropyl ether	3.87	45	136924	64.23	ug/l	92
23) Vinyl Acetate	3.82	43	89273	58.06	ug/l	96
24) 1,1-Dichloroethane	3.70	63	76166	61.26	ug/l	95
25) 2-Butanone	4.70	43	98593	234.88	ug/l	99
26) 2,2-Dichloropropane	4.59	77	41498	42.38	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	39919	50.74	ug/l	99
28) Bromochloromethane	5.02	49	29322	52.58	ug/l	91
29) Tetrahydrofuran	5.15	42	58096	217.18	ug/l	98
30) Chloroform	5.21	83	74061	60.45	ug/l	86
31) Cyclohexane	5.57	56	61208	50.97	ug/l #	92
32) 1,1,1-Trichloroethane	5.50	97	60919	57.86	ug/l	98
36) 1,1-Dichloropropene	5.80	75	49273	48.64	ug/l	98
37) Ethyl Acetate	4.85	43	29391	37.77	ug/l	99
38) Carbon Tetrachloride	5.79	117	48016	51.24	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	47965	38.56	ug/l	97
40) Benzene	6.15	78	149089	51.36	ug/l	92
41) Methacrylonitrile	5.06	41	20929	47.71	ug/l	96
42) 1,2-Dichloroethane	6.20	62	49029	55.92	ug/l	98
43) Isopropyl Acetate	6.46	43	58664	47.31	ug/l	98
44) Trichloroethene	7.21	130	40350	48.72	ug/l	87
45) 1,2-Dichloropropane	7.52	63	39716	55.63	ug/l	96
46) Dibromomethane	7.67	93	20856	50.70	ug/l	93
47) Bromodichloromethane	7.90	83	44716	54.54	ug/l	93
48) Methyl methacrylate	7.77	41	35570	57.19	ug/l	94
49) 1,4-Dioxane	7.75	88	10087	803.59	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	210731	276.56	ug/l	97
52) Toluene	8.79	92	107260	59.23	ug/l	95
53) t-1,3-Dichloropropene	9.04	75	46648	49.82	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	51165	49.02	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	40757	65.40	ug/l	95
56) Ethyl methacrylate	9.18	69	45365	52.99	ug/l	96
57) 1,3-Dichloropropane	9.37	76	64211	61.38	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	110938	243.29	ug/l	98
59) 2-Hexanone	9.49	43	138883	239.25	ug/l	98
60) Dibromochloromethane	9.59	129	34726	55.33	ug/l	99
61) 1,2-Dibromoethane	9.68	107	32111	50.46	ug/l	99
64) Tetrachloroethene	9.34	164	44455	67.13	ug/l	96
65) Chlorobenzene	10.14	112	90338	51.31	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	33991	59.21	ug/l	100
67) Ethyl Benzene	10.26	91	155133	52.19	ug/l	99
68) m/p-Xylenes	10.36	106	118065	101.53	ug/l	96
69) o-Xylene	10.70	106	64652	59.88	ug/l	98
70) Styrene	10.71	104	97023	53.41	ug/l	98
71) Bromoform	10.86	173	21956	55.62	ug/l #	99
73) Isopropylbenzene	11.02	105	146922	63.64	ug/l	99
74) N-amyl acetate	6.46	43	58664	71.69	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	42661	71.07	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	35207m	69.26	ug/l	
77) Bromobenzene	11.26	156	37018	61.50	ug/l	94
78) n-propylbenzene	11.36	91	163955	58.62	ug/l	98
79) 2-Chlorotoluene	11.42	91	95846	60.36	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	117744	59.75	ug/l #	68
81) trans-1,4-Dichloro-2-buten	11.08	75	7599	44.28	ug/l	87
82) 4-Chlorotoluene	11.51	91	111031	57.65	ug/l	99
83) tert-Butylbenzene	11.77	119	120466	61.81	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	132686	65.41	ug/l	99
85) sec-Butylbenzene	11.94	105	136448	54.72	ug/l	99
86) p-Isopropyltoluene	12.07	119	120781	53.29	ug/l #	71
87) 1,3-Dichlorobenzene	12.02	146	64020	52.58	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	61104	49.19	ug/l	100
89) n-Butylbenzene	12.39	91	88099	40.84	ug/l	99
90) Hexachloroethane	12.60	117	17564	52.19	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	59260	52.26	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7171	60.21	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	25832	28.72	ug/l	99
94) Hexachlorobutadiene	13.79	225	12728	22.13	ug/l	100
95) Naphthalene	13.83	128	150893	78.50	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	23636	28.95	ug/l	98

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

