

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003747.D
 Acq On : 31 Jul 2018 14:03
 Operator : JC/SP
 Sample : VX0731SBS01
 Misc : 5.00G/5.0mL/MSVOA X/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS01

Quant Time: Jul 31 14:32:55 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	86617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	122846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	108405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	60186	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	40813	46.59	ug/l	0.00
Spiked Amount			Recovery	=	93.18%	
35) Dibromofluoromethane	5.50	113	36022	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
50) Toluene-d8	8.71	98	150509	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	
62) 4-Bromofluorobenzene	11.14	95	52657	47.35	ug/l	0.00
Spiked Amount			Recovery	=	94.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	15950	21.82	ug/l	97
3) Chloromethane	1.32	50	19136	20.82	ug/l	97
4) Vinyl Chloride	1.40	62	20774	21.02	ug/l #	89
5) Bromomethane	1.64	94	14919	26.75	ug/l	97
6) Chloroethane	1.71	64	14354	21.96	ug/l	96
7) Trichlorofluoromethane	1.92	101	27484	21.20	ug/l	96
8) Diethyl Ether	2.19	74	8717	17.79	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	17128	20.83	ug/l	97
10) Methyl Iodide	2.51	142	15390	16.28	ug/l	97
11) Tert butyl alcohol	3.08	59	14215	100.21	ug/l	98
12) 1,1-Dichloroethene	2.37	96	15434	19.94	ug/l	94
13) Acrolein	2.29	56	6173	133.01	ug/l	93
14) Allyl chloride	2.73	41	29531	21.52	ug/l	96
15) Acrylonitrile	3.15	53	35786	99.20	ug/l	100
16) Acetone	2.45	43	38653	115.51	ug/l	97
17) Carbon Disulfide	2.56	76	49336	19.59	ug/l	98
18) Methyl Acetate	2.78	43	18333	19.50	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	38284	18.17	ug/l	98
20) Methylene Chloride	2.86	84	18631	19.18	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	16610	19.58	ug/l	98
22) Diisopropyl ether	3.87	45	46899	18.93	ug/l	96
23) Vinyl Acetate	3.82	43	165039	92.36	ug/l	100
24) 1,1-Dichloroethane	3.70	63	29380	20.33	ug/l	97
25) 2-Butanone	4.70	43	49896	102.29	ug/l	98
26) 2,2-Dichloropropane	4.59	77	23107	20.31	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	17442	19.08	ug/l	95
28) Bromochloromethane	5.02	49	12328	19.02	ug/l	95
29) Tetrahydrofuran	5.15	42	31546	101.48	ug/l	96
30) Chloroform	5.22	83	28124	19.75	ug/l	90
31) Cyclohexane	5.58	56	28318	20.29	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	25422	20.78	ug/l	97
36) 1,1-Dichloropropene	5.80	75	23649	20.56	ug/l	100
37) Ethyl Acetate	4.85	43	17332	19.61	ug/l	99
38) Carbon Tetrachloride	5.79	117	22057	20.73	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	28611	20.26	ug/l	96
40) Benzene	6.14	78	65461	19.86	ug/l	97
41) Methacrylonitrile	5.06	41	9776	19.63	ug/l	98
42) 1,2-Dichloroethane	6.20	62	19982	20.07	ug/l	96
43) Isopropyl Acetate	6.46	43	26231	18.63	ug/l	97
44) Trichloroethene	7.21	130	18155	19.30	ug/l	99
45) 1,2-Dichloropropane	7.52	63	16194	19.97	ug/l	98
46) Dibromomethane	7.67	93	8819	18.88	ug/l	93
47) Bromodichloromethane	7.90	83	17933	19.26	ug/l	97
48) Methyl methacrylate	7.78	41	13362	18.92	ug/l	95
49) 1,4-Dioxane	7.75	88	5904	414.17	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	82831	95.72	ug/l	97
52) Toluene	8.79	92	41344	20.10	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	19320	18.17	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	22521	19.00	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	13190	18.64	ug/l	97
56) Ethyl methacrylate	9.18	69	16824	17.31	ug/l	94
57) 1,3-Dichloropropane	9.37	76	22606	19.03	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	38656	85.84	ug/l	98
59) 2-Hexanone	9.50	43	65108	98.76	ug/l	96
60) Dibromochloromethane	9.59	129	12553	17.61	ug/l	99
61) 1,2-Dibromoethane	9.67	107	13254	18.34	ug/l	99
64) Tetrachloroethene	9.34	164	17116	20.09	ug/l	98
65) Chlorobenzene	10.14	112	45499	20.08	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	14199	19.22	ug/l	100
67) Ethyl Benzene	10.26	91	79011	20.66	ug/l	100
68) m/p-Xylenes	10.36	106	60410	40.37	ug/l	97
69) o-Xylene	10.70	106	27721	19.95	ug/l	97
70) Styrene	10.71	104	45685	19.55	ug/l	98
71) Bromoform	10.86	173	8570	16.87	ug/l #	99
73) Isopropylbenzene	11.02	105	79513	21.10	ug/l	99
74) N-amyl acetate	6.46	43	26231	19.64	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	18436	18.82	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	20797	25.07	ug/l	82
77) Bromobenzene	11.26	156	19568	19.92	ug/l	97
78) n-propylbenzene	11.36	91	96580	21.16	ug/l	100
79) 2-Chlorotoluene	11.42	91	54212	20.92	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	67033	20.84	ug/l #	70
81) trans-1,4-Dichloro-2-buten	11.08	75	4877	17.41	ug/l	89
82) 4-Chlorotoluene	11.51	91	65471	20.83	ug/l	99
83) tert-Butylbenzene	11.77	119	64288	20.21	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	67833	20.49	ug/l	99
85) sec-Butylbenzene	11.94	105	85035	20.90	ug/l	100
86) p-Isopropyltoluene	12.07	119	75626	20.45	ug/l #	71
87) 1,3-Dichlorobenzene	12.03	146	39254	19.75	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	40020	19.74	ug/l	99
89) n-Butylbenzene	12.39	91	74114	21.05	ug/l	98
90) Hexachloroethane	12.60	117	10817	19.70	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	36392	19.67	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	3788	19.49	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	27003	18.40	ug/l	100
94) Hexachlorobutadiene	13.79	225	18428	19.63	ug/l	99
95) Naphthalene	13.83	128	56847	18.12	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	24546	18.42	ug/l	99

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

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