

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073018\
 Data File : VX003740.D
 Acq On : 30 Jul 2018 23:33
 Operator : JC/SP
 Sample : VX0730SBS01
 Misc : 5.00G/5.0mL/MSVOA X/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/1/2018 10:41:01 AM

Quant Time: Jul 31 12:19:13 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	104528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	158562	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	150998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	86343	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	59497	56.28	ug/l	0.00
Spiked Amount			Recovery	=	112.56%	
35) Dibromofluoromethane	5.51	113	51537	55.20	ug/l	0.00
Spiked Amount			Recovery	=	110.40%	
50) Toluene-d8	8.71	98	220155	56.56	ug/l	0.00
Spiked Amount			Recovery	=	113.12%	
62) 4-Bromofluorobenzene	11.14	95	72985	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	18222	20.65	ug/l	99
3) Chloromethane	1.32	50	24616	22.20	ug/l	100
4) Vinyl Chloride	1.40	62	24765	20.76	ug/l #	84
5) Bromomethane	1.64	94	16783	24.80	ug/l	96
6) Chloroethane	1.71	64	20044	25.41	ug/l	97
7) Trichlorofluoromethane	1.92	101	32663	20.88	ug/l	87
8) Diethyl Ether	2.19	74	14167	23.96	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	21152	21.32	ug/l	96
10) Methyl Iodide	2.50	142	18740	16.43	ug/l	99
11) Tert butyl alcohol	3.09	59	16503	96.41	ug/l	98
12) 1,1-Dichloroethene	2.37	96	19192	20.54	ug/l	90
13) Acrolein	2.29	56	6932	123.77	ug/l	98
14) Allyl chloride	2.72	41	37684	22.75	ug/l	100
15) Acrylonitrile	3.15	53	46937	107.82	ug/l	100
16) Acetone	2.45	43	41499	102.77	ug/l	100
17) Carbon Disulfide	2.56	76	60560	19.92	ug/l	96
18) Methyl Acetate	2.78	43	26279	23.16	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	62473	24.57	ug/l	98
20) Methylene Chloride	2.86	84	28127	24.85	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	21902	21.39	ug/l	96
22) Diisopropyl ether	3.87	45	71195	23.81	ug/l	96
23) Vinyl Acetate	3.82	43	238482	110.60	ug/l	99
24) 1,1-Dichloroethane	3.70	63	40759	23.38	ug/l	97
25) 2-Butanone	4.70	43	61631	104.70	ug/l	93
26) 2,2-Dichloropropane	4.59	77	25951	18.90	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	24927	22.59	ug/l	99
28) Bromochloromethane	5.01	49	18973	24.26	ug/l	91
29) Tetrahydrofuran	5.16	42	39184	104.45	ug/l	98
30) Chloroform	5.21	83	40405	23.52	ug/l	96
31) Cyclohexane	5.57	56	32129	19.08	ug/l #	90
32) 1,1,1-Trichloroethane	5.49	97	31361	21.24	ug/l	97
36) 1,1-Dichloropropene	5.80	75	28652	19.30	ug/l	99
37) Ethyl Acetate	4.86	43	24072	21.10	ug/l	99
38) Carbon Tetrachloride	5.78	117	26133	19.03	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	32402	17.77	ug/l	99
40) Benzene	6.14	78	86796	20.40	ug/l	98
41) Methacrylonitrile	5.06	41	14019	21.80	ug/l	99
42) 1,2-Dichloroethane	6.20	62	28960	22.53	ug/l	97
43) Isopropyl Acetate	6.46	43	37587	20.68	ug/l	98
44) Trichloroethene	7.21	130	23138	19.06	ug/l	98
45) 1,2-Dichloropropane	7.52	63	22745	21.74	ug/l	95
46) Dibromomethane	7.67	93	12771	21.18	ug/l	95
47) Bromodichloromethane	7.90	83	26270	21.86	ug/l	99
48) Methyl methacrylate	7.77	41	19711	21.62	ug/l	94
49) 1,4-Dioxane	7.76	88	6619	359.74	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	121783	109.03	ug/l	98
52) Toluene	8.79	92	59658	22.48	ug/l	95
53) t-1,3-Dichloropropene	9.04	75	30414	22.16	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	31863	20.83	ug/l #	87
55) 1,1,2-Trichloroethane	9.22	97	21415	23.44	ug/l	97
56) Ethyl methacrylate	9.18	69	27960	22.28	ug/l	95
57) 1,3-Dichloropropane	9.37	76	35323	23.03	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	58901	98.42	ug/l	97
59) 2-Hexanone	9.50	43	87476	102.81	ug/l	96
60) Dibromochloromethane	9.59	129	18846	20.48	ug/l	95
61) 1,2-Dibromoethane	9.68	107	19753	21.18	ug/l	99
64) Tetrachloroethene	9.34	164	26202	22.08	ug/l	95
65) Chlorobenzene	10.14	112	62165	19.70	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	20235	19.67	ug/l	99
67) Ethyl Benzene	10.26	91	101891	19.12	ug/l	98
68) m/p-Xylenes	10.36	106	79527	38.16	ug/l	97
69) o-Xylene	10.70	106	37419	19.34	ug/l	96
70) Styrene	10.71	104	64658	19.86	ug/l	99
71) Bromoform	10.86	173	12845	18.16	ug/l #	100
73) Isopropylbenzene	11.02	105	99386	18.39	ug/l	100
74) N-amyl acetate	6.46	43	37587	19.62	ug/l #	56
75) 1,1,1,2-Tetrachloroethane	11.27	83	27959	19.90	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	23311m	19.59	ug/l	
77) Bromobenzene	11.26	156	27886	19.79	ug/l	96
78) n-propylbenzene	11.36	91	123192	18.81	ug/l	99
79) 2-Chlorotoluene	11.42	91	72617	19.53	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	88380	19.16	ug/l #	69
81) trans-1,4-Dichloro-2-buten	11.08	75	6783	16.88	ug/l	91
82) 4-Chlorotoluene	11.51	91	88570	19.64	ug/l	100
83) tert-Butylbenzene	11.77	119	82417	18.06	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	91731	19.32	ug/l	98
85) sec-Butylbenzene	11.95	105	107793	18.46	ug/l	99
86) p-Isopropyltoluene	12.07	119	98242	18.51	ug/l #	70
87) 1,3-Dichlorobenzene	12.03	146	54901	19.26	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	56538	19.44	ug/l	99
89) n-Butylbenzene	12.39	91	94108	18.63	ug/l	98
90) Hexachloroethane	12.60	117	14195	18.02	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	51620	19.44	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	5196	18.63	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	38127	18.10	ug/l	100
94) Hexachlorobutadiene	13.79	225	22790	16.92	ug/l	99
95) Naphthalene	13.83	128	83972	18.66	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	35074	18.35	ug/l	99

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

