

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073018\
 Data File : VX003729.D
 Acq On : 30 Jul 2018 17:40
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00G/5.0mL/MSVOA X/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 8/1/2018 10:40:12 AM

Quant Time: Jul 31 05:37:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 05:23:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	113685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	164485	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	153936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	88174	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	110785	96.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.70%	
35) Dibromofluoromethane	5.50	113	101428	104.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.44%	
50) Toluene-d8	8.72	98	405490	100.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.82%	
62) 4-Bromofluorobenzene	11.14	95	148901	100.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	86745	90.40	ug/l	100
3) Chloromethane	1.32	50	111684	92.59	ug/l	96
4) Vinyl Chloride	1.40	62	121778	93.86	ug/l	# 89
5) Bromomethane	1.63	94	66401	85.02	ug/l	99
6) Chloroethane	1.70	64	80504	88.16	ug/l	95
7) Trichlorofluoromethane	1.92	101	155040	131.88	ug/l	99
8) Diethyl Ether	2.18	74	61245	95.25	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	99355	92.06	ug/l	99
10) Methyl Iodide	2.50	142	130977	105.56	ug/l	100
11) Tert butyl alcohol	3.09	59	87597	470.50	ug/l	98
12) 1,1-Dichloroethene	2.36	96	94345	85.82	ug/l	98
13) Acrolein	2.29	56	19319	317.16	ug/l	95
14) Allyl chloride	2.72	41	172194	95.59	ug/l	99
15) Acrylonitrile	3.15	53	228272	482.12	ug/l	99
16) Acetone	2.45	43	211284	481.08	ug/l	99
17) Carbon Disulfide	2.56	76	304768	92.18	ug/l	100
18) Methyl Acetate	2.78	43	118474	95.99	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	276458	99.95	ug/l	99
20) Methylene Chloride	2.85	84	107238	79.64	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	103950	93.36	ug/l	97
22) Diisopropyl ether	3.87	45	320691	98.62	ug/l	97
23) Vinyl Acetate	3.82	43	1241018	529.17	ug/l	97
24) 1,1-Dichloroethane	3.69	63	181851	95.90	ug/l	98
25) 2-Butanone	4.70	43	318667	497.74	ug/l	100
26) 2,2-Dichloropropane	4.58	77	142014	95.09	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	114402	95.34	ug/l	99
28) Bromochloromethane	5.03	49	84289	99.09	ug/l	95
29) Tetrahydrofuran	5.16	42	202984	497.50	ug/l	99
30) Chloroform	5.21	83	178680	95.62	ug/l	98
31) Cyclohexane	5.57	56	176130	96.15	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	155170	96.62	ug/l	99
36) 1,1-Dichloropropene	5.80	75	145805	94.65	ug/l	99
37) Ethyl Acetate	4.85	43	117286	99.12	ug/l	98
38) Carbon Tetrachloride	5.78	117	139363	97.81	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	185499	98.09	ug/l	96
40) Benzene	6.14	78	425176	96.32	ug/l	97
41) Methacrylonitrile	5.06	41	68185	102.23	ug/l	99
42) 1,2-Dichloroethane	6.20	62	131493	98.63	ug/l	99
43) Isopropyl Acetate	6.46	43	196440	104.20	ug/l	100
44) Trichloroethene	7.21	130	118877	94.40	ug/l	95
45) 1,2-Dichloropropane	7.52	63	108456	99.91	ug/l	98
46) Dibromomethane	7.67	93	63265	101.13	ug/l	99
47) Bromodichloromethane	7.90	83	130117	104.38	ug/l	98
48) Methyl methacrylate	7.78	41	99985	105.73	ug/l	100
49) 1,4-Dioxane	7.76	88	38276	2005.36	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	600269	518.08	ug/l	100
52) Toluene	8.79	92	267737	97.23	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	151069	106.10	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	167023	105.24	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	95081	100.33	ug/l	98
56) Ethyl methacrylate	9.18	69	141816	108.94	ug/l	99
57) 1,3-Dichloropropane	9.37	76	160869	101.12	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	358657	575.93	ug/l	100
59) 2-Hexanone	9.50	43	459406	520.47	ug/l	99
60) Dibromochloromethane	9.59	129	102720	107.63	ug/l	99
61) 1,2-Dibromoethane	9.68	107	98342	101.64	ug/l	99
64) Tetrachloroethene	9.34	164	113145	93.51	ug/l	99
65) Chlorobenzene	10.14	112	305838	95.08	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	105287	100.37	ug/l	99
67) Ethyl Benzene	10.26	91	525533	96.75	ug/l	99
68) m/p-Xylenes	10.36	106	411711	193.77	ug/l	100
69) o-Xylene	10.70	106	195349	99.01	ug/l	100
70) Styrene	10.71	104	333934	100.61	ug/l	100
71) Bromoform	10.86	173	78192	108.41	ug/l #	97
73) Isopropylbenzene	11.02	105	531825	96.35	ug/l	100
74) N-amyl acetate	6.46	43	196440	111.89	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	140824	98.13	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	120508m	99.15	ug/l	
77) Bromobenzene	11.26	156	138924	96.53	ug/l	100
78) n-propylbenzene	11.36	91	638763	95.52	ug/l	100
79) 2-Chlorotoluene	11.42	91	358289	94.37	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	459445	85.32	ug/l #	67
81) trans-1,4-Dichloro-2-buten	11.08	75	44579	108.65	ug/l	97
82) 4-Chlorotoluene	11.51	91	434270	94.30	ug/l	99
83) tert-Butylbenzene	11.77	119	457364	98.14	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	470794	97.08	ug/l	100
85) sec-Butylbenzene	11.95	105	572372	96.00	ug/l	100
86) p-Isopropyltoluene	12.07	119	523646	109.54	ug/l #	69
87) 1,3-Dichlorobenzene	12.03	146	274864	94.42	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	277008	93.27	ug/l	100
89) n-Butylbenzene	12.39	91	497870	96.54	ug/l	99
90) Hexachloroethane	12.60	117	82264	102.24	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	262014	96.65	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	29630	104.06	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	211518	98.35	ug/l	99
94) Hexachlorobutadiene	13.79	225	131225	95.41	ug/l	99
95) Naphthalene	13.83	128	480039	104.45	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	194577	99.67	ug/l	100

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

