

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073018\
 Data File : VX003742.D
 Acq On : 31 Jul 2018 00:23
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.00G/5.0mL/MSVOA X/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/1/2018 10:41:12 AM

Quant Time: Jul 31 12:22:37 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	5.66	168	112811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	171158	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	167198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	92767	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	64784	56.78	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	113.56%	
35) Dibromofluoromethane	5.51	113	56243	55.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.62%	
50) Toluene-d8	8.72	98	233942	55.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.34%	
62) 4-Bromofluorobenzene	11.14	95	80025	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	45327	47.60	ug/l	91
3) Chloromethane	1.32	50	63101	52.72	ug/l	95
4) Vinyl Chloride	1.40	62	64467	50.07	ug/l #	89
5) Bromomethane	1.64	94	40572	58.11	ug/l	94
6) Chloroethane	1.72	64	40382	47.43	ug/l	92
7) Trichlorofluoromethane	1.92	101	79006	46.80	ug/l	99
8) Diethyl Ether	2.18	74	36038	56.48	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	52264	48.80	ug/l	97
10) Methyl Iodide	2.51	142	64785	52.62	ug/l	99
11) Tert butyl alcohol	3.07	59	42558	230.36	ug/l	100
12) 1,1-Dichloroethene	2.37	96	51562	51.14	ug/l	81
13) Acrolein	2.29	56	8466	140.06	ug/l	97
14) Allyl chloride	2.72	41	95274	53.30	ug/l	99
15) Acrylonitrile	3.15	53	125817	267.79	ug/l	99
16) Acetone	2.45	43	104250	239.21	ug/l	97
17) Carbon Disulfide	2.56	76	165103	50.32	ug/l	95
18) Methyl Acetate	2.78	43	66368	54.19	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	171436	62.46	ug/l	97
20) Methylene Chloride	2.85	84	66714	58.68	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	58653	53.09	ug/l	91
22) Diisopropyl ether	3.87	45	201418	62.42	ug/l	95
23) Vinyl Acetate	3.82	43	681548	292.86	ug/l	100
24) 1,1-Dichloroethane	3.70	63	109039	57.95	ug/l	97
25) 2-Butanone	4.70	43	165555	260.59	ug/l	99
26) 2,2-Dichloropropane	4.58	77	72581	48.97	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	65670	55.15	ug/l	97
28) Bromochloromethane	5.02	49	50045	59.29	ug/l	94
29) Tetrahydrofuran	5.15	42	106878	263.98	ug/l	99
30) Chloroform	5.22	83	106098	57.22	ug/l	87
31) Cyclohexane	5.57	56	88418	48.64	ug/l #	91
32) 1,1,1-Trichloroethane	5.49	97	83305	52.27	ug/l	98
36) 1,1-Dichloropropene	5.79	75	76751	47.88	ug/l	99
37) Ethyl Acetate	4.85	43	65459	53.16	ug/l	99
38) Carbon Tetrachloride	5.78	117	71160	48.00	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	87305	44.36	ug/l	97
40) Benzene	6.13	78	238645	51.95	ug/l	98
41) Methacrylonitrile	5.06	41	37497	54.03	ug/l	98
42) 1,2-Dichloroethane	6.20	62	76029	54.80	ug/l	98
43) Isopropyl Acetate	6.46	43	103123	52.57	ug/l	99
44) Trichloroethene	7.21	130	59786	45.63	ug/l	100
45) 1,2-Dichloropropane	7.52	63	60812	53.84	ug/l	97
46) Dibromomethane	7.67	93	35608	54.70	ug/l	93
47) Bromodichloromethane	7.90	83	71830	55.37	ug/l	100
48) Methyl methacrylate	7.77	41	53863	54.74	ug/l	97
49) 1,4-Dioxane	7.76	88	17851	898.79	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	324905	269.49	ug/l	100
52) Toluene	8.79	92	162396	56.68	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	90781	61.27	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	88854	53.80	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	59110	59.94	ug/l	96
56) Ethyl methacrylate	9.18	69	82824	61.15	ug/l	96
57) 1,3-Dichloropropane	9.37	76	98375	59.43	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	198742	273.33	ug/l	98
59) 2-Hexanone	9.50	43	230692	251.17	ug/l	97
60) Dibromochloromethane	9.59	129	54546	54.92	ug/l	99
61) 1,2-Dibromoethane	9.68	107	54046	53.68	ug/l	100
64) Tetrachloroethene	9.34	164	70610	53.73	ug/l	92
65) Chlorobenzene	10.14	112	164447	47.07	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	56688	49.75	ug/l	100
67) Ethyl Benzene	10.26	91	273622	46.38	ug/l	100
68) m/p-Xylenes	10.36	106	213719	92.61	ug/l	98
69) o-Xylene	10.70	106	102939	48.04	ug/l	98
70) Styrene	10.71	104	178087	49.40	ug/l	99
71) Bromoform	10.86	173	37820	48.28	ug/l #	100
73) Isopropylbenzene	11.02	105	272244	46.88	ug/l	99
74) N-amyl acetate	6.46	43	103123	50.10	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	73316	48.56	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	63018m	49.28	ug/l	
77) Bromobenzene	11.26	156	74662	49.31	ug/l	98
78) n-propylbenzene	11.36	91	327221	46.51	ug/l	99
79) 2-Chlorotoluene	11.42	91	192812	48.27	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	238123	48.04	ug/l #	69
81) trans-1,4-Dichloro-2-buten	11.08	75	19688	45.61	ug/l	93
82) 4-Chlorotoluene	11.51	91	233759	48.25	ug/l	99
83) tert-Butylbenzene	11.77	119	222229	45.33	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	247933	48.59	ug/l	99
85) sec-Butylbenzene	11.95	105	287559	45.84	ug/l	99
86) p-Isopropyltoluene	12.07	119	262596	46.06	ug/l #	70
87) 1,3-Dichlorobenzene	12.03	146	143490	46.85	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	145218	46.47	ug/l	99
89) n-Butylbenzene	12.39	91	251804	46.41	ug/l	99
90) Hexachloroethane	12.60	117	40871	48.28	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	137575	48.23	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14153	47.24	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	107162	47.36	ug/l	100
94) Hexachlorobutadiene	13.79	225	62923	43.49	ug/l	99
95) Naphthalene	13.83	128	245834	50.84	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	99156	48.28	ug/l	100

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

