

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073118\
 Data File : VX003789.D
 Acq On : 01 Aug 2018 09:20
 Operator : JC/SP
 Sample : J4164-04MSD
 Misc : 9.46G/5.0mL/MSVOA X/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MSD

Manual Integrations
 APPROVED

apatel
 8/1/2018 6:55:01 PM

Quant Time: Aug 01 11:44:49 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	5100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	5964	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	4440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	1420	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	1657	32.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.24%	
35) Dibromofluoromethane	5.50	113	1846	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
50) Toluene-d8	8.72	98	6871	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
62) 4-Bromofluorobenzene	11.14	95	1623	30.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	2957	68.69	ug/l	95
3) Chloromethane	1.32	50	2426	44.83	ug/l	96
4) Vinyl Chloride	1.40	62	3692	63.43	ug/l	92
5) Bromomethane	1.66	94	538	15.59	ug/l #	80
6) Chloroethane	1.73	64	1891	49.13	ug/l	99
7) Trichlorofluoromethane	1.94	101	5446	71.35	ug/l	91
8) Diethyl Ether	2.18	74	1001	34.70	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3300	68.16	ug/l	96
10) Methyl Iodide	2.52	142	693	12.45	ug/l #	85
11) Tert butyl alcohol	3.02	59	908	108.72	ug/l #	73
12) 1,1-Dichloroethene	2.38	96	2621	57.50	ug/l	91
14) Allvl chloride	2.73	41	1971	24.39	ug/l	93
15) Acrylonitrile	3.14	53	1976	93.03	ug/l	98
16) Acetone	2.44	43	2860	145.16	ug/l	95
17) Carbon Disulfide	2.58	76	5581	37.63	ug/l	99
18) Methyl Acetate	2.77	43	2210	39.92	ug/l	95
19) Methyl tert-butyl Ether	3.19	73	4597	37.05	ug/l	98
20) Methylene Chloride	2.86	84	2087	39.56	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	2022	40.48	ug/l	96
22) Diisopropyl ether	3.85	45	5884	40.34	ug/l	93
23) Vinyl Acetate	3.85	43	3590	34.12	ug/l #	73
24) 1,1-Dichloroethane	3.71	63	4427	52.04	ug/l	96
25) 2-Butanone	4.68	43	3036	105.71	ug/l	92
26) 2,2-Dichloropropane	4.59	77	2262	33.76	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	2053	38.14	ug/l	98
28) Bromochloromethane	5.01	49	1189	31.16	ug/l #	88
29) Tetrahydrofuran	5.14	42	1858	101.51	ug/l	97
30) Chloroform	5.21	83	4051	48.33	ug/l	94
31) Cyclohexane	5.59	56	5393	65.63	ug/l	90
32) 1,1,1-Trichloroethane	5.50	97	4634	64.32	ug/l	97
36) 1,1-Dichloropropene	5.81	75	3246	58.12	ug/l	99
37) Ethyl Acetate	4.85	43	1034	24.10	ug/l #	68
38) Carbon Tetrachloride	5.80	117	3165	61.26	ug/l	95
39) Methylcyclohexane	7.47	83	4371	63.74	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.15	78	11330	70.79	ug/l	97
41) Methacrylonitrile	5.06	41	672	27.79	ug/l #	90
42) 1,2-Dichloroethane	6.20	62	2066	42.74	ug/l	91
43) Isopropyl Acetate	6.45	43	2045	29.92	ug/l #	94
44) Trichloroethene	7.22	130	2476	54.23	ug/l	82
45) 1,2-Dichloropropane	7.52	63	2044	51.93	ug/l	96
46) Dibromomethane	7.67	93	797	35.14	ug/l	97
47) Bromodichloromethane	7.90	83	1999	44.22	ug/l	99
48) Methyl methacrylate	7.78	41	965	28.14	ug/l	97
49) 1,4-Dioxane	7.75	88	279	403.14	ug/l #	77
51) 4-Methyl-2-Pentanone	8.65	43	5420	129.01	ug/l	99
52) Toluene	8.79	92	4634	46.41	ug/l	97
53) t-1,3-Dichloropropene	9.05	75	635	12.30	ug/l	95
54) cis-1,3-Dichloropropene	8.44	75	1085	18.86	ug/l #	88
55) 1,1,2-Trichloroethane	9.22	97	1315	38.27	ug/l	96
56) Ethyl methacrylate	9.18	69	1174	24.87	ug/l	90
57) 1,3-Dichloropropane	9.37	76	2167	37.57	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	1839	84.44	ug/l	98
59) 2-Hexanone	9.49	43	2960	92.49	ug/l	93
60) Dibromochloromethane	9.59	129	1272	36.76	ug/l	94
61) 1,2-Dibromoethane	9.68	107	949	27.05	ug/l	99
64) Tetrachloroethene	9.34	164	3296	94.44	ug/l	95
65) Chlorobenzene	10.14	112	4587	49.44	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	1754	57.97	ug/l	99
67) Ethyl Benzene	10.26	91	9261	59.11	ug/l	96
68) m/p-Xylenes	10.36	106	6452	105.28	ug/l	93
69) o-Xylene	10.70	106	3076	54.05	ug/l	98
70) Stvrene	10.71	104	3326	34.74	ug/l	97
71) Bromoform	10.86	173	618	29.71	ug/l #	99
73) Isopropylbenzene	11.02	105	9583	107.80	ug/l	99
74) N-amyl acetate	6.45	43	2045	64.90	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	11.27	83	1445	62.52	ug/l	95
76) 1,2,3-Trichloropropane	11.30	75	1113m	56.86	ug/l	
77) Bromobenzene	11.26	156	1500	64.72	ug/l	94
78) n-propylbenzene	11.36	91	9726	90.31	ug/l	100
79) 2-Chlorotoluene	11.42	91	5331	87.19	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	6252	82.40	ug/l #	65
81) trans-1,4-Dichloro-2-buten	11.02	75	99	14.98	ug/l #	77
82) 4-Chlorotoluene	11.51	91	4790	64.59	ug/l	99
83) tert-Butylbenzene	11.77	119	7133	95.04	ug/l	92
84) 1,2,4-Trimethylbenzene	11.81	105	5509	70.54	ug/l	98
85) sec-Butylbenzene	11.95	105	9021	93.95	ug/l	98
86) p-Isopropyltoluene	12.07	119	6314	72.35	ug/l #	69
87) 1,3-Dichlorobenzene	12.02	146	2453	52.32	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	1994	41.69	ug/l	96
89) n-Butylbenzene	12.39	91	4503	54.22	ug/l	95
90) Hexachloroethane	12.60	117	759	58.57	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	2024	46.36	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49	10.69	ug/l	53
93) 1,2,4-Trichlorobenzene	13.65	180	127	3.67	ug/l #	71

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	85	3.84	ug/l	91
95) Naphthalene	13.83	128	754	10.19	ug/l #	82
96) 1,2,3-Trichlorobenzene	14.02	180	65	2.07	ug/l #	40

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

