

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\W120618\
 Data File : VW007281.D
 Acq On : 06 Dec 2018 16:12
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/7/2018 12:19:53 PM

Quant Time: Dec 06 16:57:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	101343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	155573	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	141605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	66587	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	47266	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
35) Dibromofluoromethane	7.88	113	45964	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
50) Toluene-d8	10.32	98	207466	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
62) 4-Bromofluorobenzene	12.62	95	72325	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	52060	46.953	ug/l	99
3) Chloromethane	2.21	50	58394	41.587	ug/l	98
4) Vinyl Chloride	2.36	62	43364	49.325	ug/l	99
5) Bromomethane	2.76	94	26421	59.974	ug/l	94
6) Chloroethane	2.92	64	23804	48.257	ug/l	99
7) Trichlorofluoromethane	3.26	101	86429	50.425	ug/l	97
8) Diethyl Ether	3.69	74	22250	46.570	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50740	49.005	ug/l	97
10) Methyl Iodide	4.27	142	42283	47.938	ug/l	99
11) Tert butyl alcohol	5.17	59	16746	180.688	ug/l	95
12) 1,1-Dichloroethene	4.04	96	47229	48.673	ug/l	94
13) Acrolein	3.89	56	14579	220.514	ug/l	99
14) Allyl chloride	4.67	41	72868	46.850	ug/l	96
15) Acrylonitrile	5.37	53	45374	227.175	ug/l	99
16) Acetone	4.12	43	51395	230.090	ug/l	99
17) Carbon Disulfide	4.38	76	156832	49.033	ug/l	99
18) Methyl Acetate	4.67	43	21844	42.843	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	106956	46.817	ug/l	97
20) Methylene Chloride	4.92	84	56494	50.249	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	52966	48.886	ug/l	95
22) Diisopropyl ether	6.32	45	136820	49.003	ug/l	97
23) Vinyl Acetate	6.26	43	362077	237.661	ug/l	100
24) 1,1-Dichloroethane	6.22	63	87479	48.883	ug/l	99
25) 2-Butanone	7.17	43	57545	222.241	ug/l	93
26) 2,2-Dichloropropane	7.17	77	86810	50.479	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	56683	48.803	ug/l	98
28) Bromochloromethane	7.51	49	29963	46.434	ug/l	100
29) Tetrahydrofuran	7.53	42	34023	212.633	ug/l	98
30) Chloroform	7.68	83	91576	49.238	ug/l	100
31) Cyclohexane	7.96	56	89496	47.797	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	90907	51.939	ug/l	100
36) 1,1-Dichloropropene	8.09	75	79579	52.571	ug/l	99
37) Ethyl Acetate	7.26	43	23504	42.925	ug/l	98
38) Carbon Tetrachloride	8.07	117	82054	53.108	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	102182	50.425	ug/l	97
40) Benzene	8.32	78	213605	51.460	ug/l	100
41) Methacrylonitrile	7.48	41	13921	42.445	ug/l	94
42) 1,2-Dichloroethane	8.40	62	57024	49.155	ug/l	100
43) Isopropyl Acetate	8.43	43	49458	46.506	ug/l	99
44) Trichloroethene	9.09	130	61238	52.484	ug/l	97
45) 1,2-Dichloropropane	9.37	63	48813	50.534	ug/l	97
46) Dibromomethane	9.46	93	24635	49.080	ug/l	96
47) Bromodichloromethane	9.65	83	66583	50.430	ug/l	99
48) Methyl methacrylate	9.44	41	27147	49.184	ug/l	99
49) 1,4-Dioxane	9.45	88	8952	1020.954	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	126118	240.645	ug/l	98
52) Toluene	10.39	92	147663	51.140	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	64972	48.946	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	79098	50.846	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	34415	48.203	ug/l	95
56) Ethyl methacrylate	10.65	69	44048	47.296	ug/l	97
57) 1,3-Dichloropropane	10.93	76	57915	48.047	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	90760	242.624	ug/l	99
59) 2-Hexanone	10.97	43	92252	242.822	ug/l	93
60) Dibromochloromethane	11.13	129	43426	49.489	ug/l	98
61) 1,2-Dibromoethane	11.24	107	32137	46.930	ug/l	97
64) Tetrachloroethene	10.87	164	52351	50.601	ug/l	97
65) Chlorobenzene	11.66	112	155756	49.250	ug/l #	89
66) 1,1,1,2-Tetrachloroethane	11.73	131	48707	49.868	ug/l	97
67) Ethyl Benzene	11.73	91	284270	49.318	ug/l	97
68) m/p-Xylenes	11.84	106	221861	98.113	ug/l	95
69) o-Xylene	12.17	106	107411	50.841	ug/l	96
70) Styrene	12.18	104	172410	49.852	ug/l	97
71) Bromoform	12.35	173	23260	47.573	ug/l #	98
73) Isopropylbenzene	12.47	105	291702	53.862	ug/l	99
74) N-amyl acetate	12.27	43	46002	47.909	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	35294	50.179	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	27911m	54.134	ug/l	
77) Bromobenzene	12.75	156	63638	54.438	ug/l	98
78) n-propylbenzene	12.81	91	343119	53.179	ug/l	98
79) 2-Chlorotoluene	12.90	91	199296	54.698	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	254258	54.879	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11471	47.953	ug/l	92
82) 4-Chlorotoluene	12.99	91	206792	53.350	ug/l	99
83) tert-Butylbenzene	13.21	119	222262	54.896	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	248092	52.458	ug/l	94
85) sec-Butylbenzene	13.39	105	324828	56.198	ug/l	96
86) p-Isopropyltoluene	13.51	119	279531	54.326	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	124718	51.970	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	129544	53.441	ug/l	99
89) n-Butylbenzene	13.83	91	260549	54.188	ug/l	98
90) Hexachloroethane	14.10	117	41951	53.502	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	110090	52.991	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6823	50.076	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	77226	53.639	ug/l	99
94) Hexachlorobutadiene	15.24	225	43929	56.581	ug/l	98
95) Naphthalene	15.38	128	130289	50.494	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	64392	53.040	ug/l	97

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

