

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
 Data File : VW007843.D
 Acq On : 22 Dec 2018 15:09
 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

MMDadoda

12/24/2018 3:18:27 PM

Quant Time: Dec 24 01:45:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	82177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	131191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	113373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	56688	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	44715	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
35) Dibromofluoromethane	7.88	113	42546	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
50) Toluene-d8	10.32	98	171890	56.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.94%	
62) 4-Bromofluorobenzene	12.62	95	64969	55.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.48%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	34716	47.521	ug/l 99
3) Chloromethane	2.22	50	28821	64.247	ug/l 99
4) Vinyl Chloride	2.37	62	39410	69.014	ug/l 95
5) Bromomethane	2.78	94	24768	62.272	ug/l 96
6) Chloroethane	2.93	64	21761	71.230	ug/l 95
7) Trichlorofluoromethane	3.26	101	33057	55.603	ug/l 99
8) Diethyl Ether	3.68	74	18230	50.063	ug/l 89
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44877	51.254	ug/l 98
10) Methyl Iodide	4.26	142	71143	51.093	ug/l 95
11) Tert butyl alcohol	5.17	59	14425	237.413	ug/l 100
12) 1,1-Dichloroethene	4.03	96	43378	53.502	ug/l 98
13) Acrolein	3.89	56	13396	275.749	ug/l 99
14) Allyl chloride	4.67	41	62959	59.215	ug/l 91
15) Acrylonitrile	5.37	53	40376	259.934	ug/l 100
16) Acetone	4.12	43	40450	239.826	ug/l 99
17) Carbon Disulfide	4.37	76	126623	50.468	ug/l 97
18) Methyl Acetate	4.67	43	22280	55.544	ug/l 96
19) Methyl tert-butyl Ether	5.42	73	66528	57.156	ug/l 96
20) Methylene Chloride	4.91	84	55021	67.429	ug/l 95
21) trans-1,2-Dichloroethene	5.42	96	45761	51.319	ug/l 88
22) Diisopropyl ether	6.31	45	114486	57.506	ug/l 99
23) Vinyl Acetate	6.26	43	320817	271.231	ug/l 100
24) 1,1-Dichloroethane	6.21	63	77142	52.672	ug/l 99
25) 2-Butanone	7.17	43	49443	250.275	ug/l 98
26) 2,2-Dichloropropane	7.17	77	58809	54.873	ug/l 98
27) cis-1,2-Dichloroethene	7.17	96	49312	51.907	ug/l 97
28) Bromochloromethane	7.51	49	28295	56.663	ug/l 94
29) Tetrahydrofuran	7.53	42	31688	268.910	ug/l 95
30) Chloroform	7.67	83	81014	48.879	ug/l 94
31) Cyclohexane	7.96	56	74414	55.500	ug/l 91
32) 1,1,1-Trichloroethane	7.87	97	75316	49.894	ug/l 99
36) 1,1-Dichloropropene	8.09	75	67518	53.322	ug/l 99
37) Ethyl Acetate	7.25	43	22454	51.383	ug/l 99
38) Carbon Tetrachloride	8.07	117	68636	46.027	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	88709	56.380	ug/l	98
40) Benzene	8.32	78	178721	52.893	ug/l	99
41) Methacrylonitrile	7.48	41	13876	55.928	ug/l	94
42) 1,2-Dichloroethane	8.40	62	53049	46.849	ug/l	98
43) Isopropyl Acetate	8.43	43	45788	52.300	ug/l	99
44) Trichloroethene	9.09	130	52867	51.738	ug/l	98
45) 1,2-Dichloropropane	9.37	63	40808	54.429	ug/l	98
46) Dibromomethane	9.46	93	22410	48.557	ug/l	98
47) Bromodichloromethane	9.65	83	56860	46.863	ug/l	99
48) Methyl methacrylate	9.44	41	24691m	56.500	ug/l	
49) 1,4-Dioxane	9.45	88	6845	935.460	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	107361	259.478	ug/l	100
52) Toluene	10.39	92	132950	58.645	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	61845	51.245	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	70023	52.529	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	31690	49.807	ug/l	98
56) Ethyl methacrylate	10.65	69	39616	52.699	ug/l	95
57) 1,3-Dichloropropane	10.93	76	53841	50.960	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	103680	302.079	ug/l	97
59) 2-Hexanone	10.97	43	76069	261.421	ug/l	99
60) Dibromochloromethane	11.13	129	37286	44.260	ug/l	100
61) 1,2-Dibromoethane	11.24	107	31403	48.739	ug/l	100
64) Tetrachloroethene	10.86	164	42135	52.483	ug/l	97
65) Chlorobenzene	11.66	112	130481	53.173	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	43837	49.996	ug/l	97
67) Ethyl Benzene	11.73	91	238687	56.684	ug/l	96
68) m/p-Xylenes	11.84	106	186489	114.169	ug/l	100
69) o-Xylene	12.17	106	86212	56.306	ug/l	99
70) Styrene	12.18	104	139082	55.259	ug/l	99
71) Bromoform	12.35	173	19682	43.241	ug/l #	97
73) Isopropylbenzene	12.47	105	247202	57.690	ug/l	99
74) N-amyl acetate	12.27	43	42688	57.514	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	33892	52.753	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	27732m	63.294	ug/l	
77) Bromobenzene	12.75	156	51204	52.142	ug/l	96
78) n-propylbenzene	12.81	91	287122	57.563	ug/l	99
79) 2-Chlorotoluene	12.90	91	163628	56.312	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	209925	56.796	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	11188	53.600	ug/l	96
82) 4-Chlorotoluene	12.99	91	172676	55.811	ug/l	100
83) tert-Butylbenzene	13.21	119	185264	57.127	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	210774	56.514	ug/l	100
85) sec-Butylbenzene	13.39	105	259211	57.995	ug/l	99
86) p-Isopropyltoluene	13.51	119	232620	57.237	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	105082	53.895	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	105083	53.879	ug/l	100
89) n-Butylbenzene	13.83	91	217104	58.262	ug/l	99
90) Hexachloroethane	14.10	117	34237	47.984	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	92466	52.968	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5805	43.998	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	64846	53.513	ug/l	99
94) Hexachlorobutadiene	15.24	225	35695	55.119	ug/l	99
95) Naphthalene	15.38	128	122712	54.773	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	54951	52.976	ug/l	99

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

