

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011819\
 Data File : VW008348.D
 Acq On : 18 Jan 2019 11:23
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/21/2019 11:09:35 AM

Quant Time: Jan 19 01:49:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	100475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	171628	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	158104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77783	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	45217	43.26	ug/l	0.00
Spiked Amount			Recovery	=	86.52%	
35) Dibromofluoromethane	7.88	113	44823	40.91	ug/l	0.00
Spiked Amount			Recovery	=	81.82%	
50) Toluene-d8	10.32	98	192923	44.82	ug/l	0.00
Spiked Amount			Recovery	=	89.64%	
62) 4-Bromofluorobenzene	12.62	95	65352	42.34	ug/l	0.00
Spiked Amount			Recovery	=	84.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	29562	46.695	ug/l	95
3) Chloromethane	2.21	50	45912	49.472	ug/l	99
4) Vinyl Chloride	2.37	62	69802	58.866	ug/l	91
5) Bromomethane	2.78	94	49873	55.499	ug/l	100
6) Chloroethane	2.93	64	46246	59.585	ug/l	94
7) Trichlorofluoromethane	3.25	101	50122	57.568	ug/l	96
8) Diethyl Ether	3.67	74	30159	49.953	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	51913	51.214	ug/l	92
10) Methyl Iodide	4.26	142	72408	44.291	ug/l	97
11) Tert butyl alcohol	5.17	59	14709	209.019	ug/l #	90
12) 1,1-Dichloroethene	4.03	96	51151	49.615	ug/l	98
13) Acrolein	3.89	56	17621	242.051	ug/l	93
14) Allyl chloride	4.65	41	92009	53.385	ug/l	97
15) Acrylonitrile	5.36	53	55634	239.884	ug/l	100
16) Acetone	4.12	43	59155	243.710	ug/l	98
17) Carbon Disulfide	4.37	76	170819	54.452	ug/l	98
18) Methyl Acetate	4.67	43	28492	43.943	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	73416	46.520	ug/l	98
20) Methylene Chloride	4.90	84	56916	50.577	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	59710	51.567	ug/l	92
22) Diisopropyl ether	6.31	45	175684	52.211	ug/l	97
23) Vinyl Acetate	6.25	43	476196	264.749	ug/l	98
24) 1,1-Dichloroethane	6.21	63	107140	52.294	ug/l	99
25) 2-Butanone	7.17	43	77299	248.642	ug/l	100
26) 2,2-Dichloropropane	7.16	77	68019	52.024	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	64548	51.452	ug/l	96
28) Bromochloromethane	7.51	49	45483	53.884	ug/l #	99
29) Tetrahydrofuran	7.52	42	46952	242.257	ug/l	99
30) Chloroform	7.67	83	106056	52.319	ug/l	95
31) Cyclohexane	7.95	56	107249	54.941	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	91172	53.591	ug/l	99
36) 1,1-Dichloropropene	8.08	75	92198	53.395	ug/l	99
37) Ethyl Acetate	7.25	43	31450	44.168	ug/l	100
38) Carbon Tetrachloride	8.07	117	86599	50.789	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	115436	56.202	ug/l	96
40) Benzene	8.32	78	247711	50.643	ug/l	97
41) Methacrylonitrile	7.48	41	16620	40.095	ug/l #	82
42) 1,2-Dichloroethane	8.40	62	64904	47.454	ug/l	100
43) Isopropyl Acetate	8.42	43	60914	45.288	ug/l	98
44) Trichloroethene	9.09	130	64522	48.148	ug/l	99
45) 1,2-Dichloropropane	9.37	63	60395	49.709	ug/l	94
46) Dibromomethane	9.46	93	29305	46.278	ug/l	93
47) Bromodichloromethane	9.64	83	77861	49.848	ug/l	99
48) Methyl methacrylate	9.43	41	31296	49.427	ug/l	97
49) 1,4-Dioxane	9.45	88	10415	1021.693	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	159317	233.923	ug/l	99
52) Toluene	10.38	92	163614	52.857	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	77677	49.826	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	90991	49.512	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	42200	48.047	ug/l	95
56) Ethyl methacrylate	10.65	69	48608	47.124	ug/l	97
57) 1,3-Dichloropropane	10.93	76	74488	48.845	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	124127	249.480	ug/l	100
59) 2-Hexanone	10.97	43	118511	248.348	ug/l	99
60) Dibromochloromethane	11.13	129	51186	48.831	ug/l	99
61) 1,2-Dibromoethane	11.24	107	39656	46.627	ug/l	96
64) Tetrachloroethene	10.86	164	53533	48.289	ug/l	97
65) Chlorobenzene	11.66	112	173536	50.321	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	59261	49.928	ug/l	98
67) Ethyl Benzene	11.73	91	314599	52.539	ug/l	99
68) m/p-Xylenes	11.84	106	248581	106.955	ug/l	99
69) o-Xylene	12.17	106	114903	52.917	ug/l	98
70) Styrene	12.18	104	186009	53.331	ug/l	99
71) Bromoform	12.35	173	26668	45.103	ug/l #	95
73) Isopropylbenzene	12.47	105	319578	56.388	ug/l	99
74) N-amyl acetate	12.27	43	58627	48.270	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	46086	47.807	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	33515m	47.315	ug/l	
77) Bromobenzene	12.75	156	67541	49.614	ug/l	95
78) n-propylbenzene	12.80	91	387848	56.539	ug/l	98
79) 2-Chlorotoluene	12.90	91	213187	54.393	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	263301	55.674	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	14623	49.266	ug/l	99
82) 4-Chlorotoluene	12.99	91	221566	54.097	ug/l	98
83) tert-Butylbenzene	13.21	119	233091	55.997	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	270295	56.103	ug/l	99
85) sec-Butylbenzene	13.39	105	337253	56.430	ug/l	100
86) p-Isopropyltoluene	13.50	119	297450	56.984	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	140896	52.091	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	131337	48.467	ug/l	98
89) n-Butylbenzene	13.83	91	284231	56.766	ug/l	99
90) Hexachloroethane	14.10	117	53940	55.838	ug/l	88
91) 1,2-Dichlorobenzene	13.87	146	120104	50.293	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7308	46.362	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	78412	48.505	ug/l	97
94) Hexachlorobutadiene	15.24	225	45364	49.792	ug/l	98
95) Naphthalene	15.37	128	135167	45.493	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	64833	46.044	ug/l	99

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

