

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011019\
 Data File : VW008190.D
 Acq On : 11 Jan 2019 11:19
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/14/2019 10:45:01 PM

Quant Time: Jan 11 11:53:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	89153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	163658	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	151224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	73756	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	53506	53.40	ug/l	0.00
Spiked Amount						
			Recovery	=	106.80%	
35) Dibromofluoromethane	7.88	113	50190	52.58	ug/l	0.00
Spiked Amount						
			Recovery	=	105.16%	
50) Toluene-d8	10.32	98	193522	48.31	ug/l	0.00
Spiked Amount						
			Recovery	=	96.62%	
62) 4-Bromofluorobenzene	12.62	95	69197	48.19	ug/l	0.00
Spiked Amount						
			Recovery	=	96.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	25219	34.660	ug/l	99
3) Chloromethane	2.21	50	39298	41.631	ug/l	93
4) Vinyl Chloride	2.37	62	48660	39.497	ug/l	97
5) Bromomethane	2.78	94	42275	45.806	ug/l	99
6) Chloroethane	2.93	64	35409	38.195	ug/l	99
7) Trichlorofluoromethane	3.26	101	34854	34.798	ug/l	95
8) Diethyl Ether	3.68	74	30886	54.547	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44001	44.248	ug/l	96
10) Methyl Iodide	4.26	142	76426	52.733	ug/l	99
11) Tert butyl alcohol	5.20	59	19371	323.535	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	44417	45.494	ug/l	88
13) Acrolein	3.89	56	20731	311.134	ug/l	99
14) Allyl chloride	4.67	41	84928	47.911	ug/l	98
15) Acrylonitrile	5.37	53	69933	324.408	ug/l	99
16) Acetone	4.13	43	49430	276.703	ug/l	96
17) Carbon Disulfide	4.37	76	132478	43.437	ug/l	100
18) Methyl Acetate	4.67	43	43590	68.831	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	90235	56.851	ug/l	97
20) Methylene Chloride	4.91	84	54627	55.944	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	52110	49.115	ug/l	100
22) Diisopropyl ether	6.31	45	176804	52.298	ug/l	99
23) Vinyl Acetate	6.26	43	488268	274.999	ug/l	97
24) 1,1-Dichloroethane	6.21	63	97362	49.428	ug/l	98
25) 2-Butanone	7.17	43	84466	302.975	ug/l	99
26) 2,2-Dichloropropane	7.17	77	51831	38.834	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	59247	51.181	ug/l	93
28) Bromochloromethane	7.51	49	44019	56.499	ug/l	92
29) Tetrahydrofuran	7.53	42	58915	316.361	ug/l	98
30) Chloroform	7.68	83	98446	52.506	ug/l	94
31) Cyclohexane	7.95	56	79794	37.840	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	76526	46.908	ug/l	99
36) 1,1-Dichloropropene	8.08	75	73011	43.308	ug/l	98
37) Ethyl Acetate	7.25	43	38308	56.719	ug/l	97
38) Carbon Tetrachloride	8.07	117	68447	44.359	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	86889	40.648	ug/l	94
40) Benzene	8.32	78	219807	48.072	ug/l	99
41) Methacrylonitrile	7.48	41	25366	59.454	ug/l	96
42) 1,2-Dichloroethane	8.40	62	65857	51.209	ug/l	98
43) Isopropyl Acetate	8.43	43	77454	57.357	ug/l	97
44) Trichloroethene	9.09	130	56427	48.208	ug/l	98
45) 1,2-Dichloropropane	9.37	63	57974	51.134	ug/l	97
46) Dibromomethane	9.46	93	30808	55.330	ug/l	94
47) Bromodichloromethane	9.65	83	73238	51.801	ug/l	100
48) Methyl methacrylate	9.44	41	35334	55.453	ug/l	86
49) 1,4-Dioxane	9.46	88	10477	1170.033	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	192620	294.679	ug/l	99
52) Toluene	10.39	92	137921	47.231	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	74617	50.738	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	85853	49.230	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	44314	56.685	ug/l	98
56) Ethyl methacrylate	10.65	69	57085	58.964	ug/l	98
57) 1,3-Dichloropropane	10.93	76	77878	54.471	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	149281	298.508	ug/l	99
59) 2-Hexanone	10.97	43	131713	297.969	ug/l	99
60) Dibromochloromethane	11.13	129	50127	58.392	ug/l	99
61) 1,2-Dibromoethane	11.24	107	43530	58.683	ug/l	100
64) Tetrachloroethene	10.86	164	50489	51.302	ug/l	96
65) Chlorobenzene	11.66	112	157221	49.073	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	54305	52.114	ug/l	99
67) Ethyl Benzene	11.73	91	266363	45.438	ug/l	97
68) m/p-Xylenes	11.84	106	208530	93.199	ug/l	97
69) o-Xylene	12.17	106	99700	48.118	ug/l	96
70) Styrene	12.18	104	166707	51.367	ug/l	97
71) Bromoform	12.35	173	29243	62.704	ug/l #	98
73) Isopropylbenzene	12.47	105	259394	44.796	ug/l	100
74) N-amyl acetate	12.27	43	70331	54.846	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	52413	56.549	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	38263m	56.908	ug/l	
77) Bromobenzene	12.75	156	61492	50.258	ug/l	93
78) n-propylbenzene	12.81	91	314093	44.269	ug/l	99
79) 2-Chlorotoluene	12.90	91	181401	45.827	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	218724	45.966	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	15221	52.717	ug/l	98
82) 4-Chlorotoluene	12.99	91	188984	45.331	ug/l	98
83) tert-Butylbenzene	13.21	119	193915	46.063	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	224129	45.669	ug/l	98
85) sec-Butylbenzene	13.39	105	272507	44.191	ug/l	99
86) p-Isopropyltoluene	13.50	119	237100	44.525	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	123841	49.896	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	121791	48.909	ug/l	98
89) n-Butylbenzene	13.83	91	220093	42.200	ug/l	99
90) Hexachloroethane	14.10	117	43416	48.270	ug/l	92
91) 1,2-Dichlorobenzene	13.88	146	112754	51.692	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8878	59.519	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	72880	50.325	ug/l	98
94) Hexachlorobutadiene	15.24	225	37468	48.338	ug/l	99
95) Naphthalene	15.37	128	154643	57.189	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	66760	54.077	ug/l	97

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

