

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012904.D
 Acq On : 11 Sep 2019 07:30
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/11/2019 9:26:16 AM

Quant Time: Sep 11 08:34:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	182995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	286881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	257468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	131489	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	105438	51.57	ug/l	0.00
Spiked Amount			Recovery	=	103.14%	
35) Dibromofluoromethane	7.88	113	86673	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
50) Toluene-d8	10.32	98	342988	51.33	ug/l	0.00
Spiked Amount			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	12.62	95	122199	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	39602	39.919	ug/l	99
3) Chloromethane	2.21	50	57156	47.407	ug/l	92
4) Vinyl Chloride	2.35	62	68396	46.267	ug/l	97
5) Bromomethane	2.73	94	44360m	55.261	ug/l	
6) Chloroethane	2.90	64	45818	51.939	ug/l	98
7) Trichlorofluoromethane	3.24	101	43710	42.848	ug/l	97
8) Diethyl Ether	3.67	74	44501	51.903	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	70593	44.096	ug/l	96
10) Methyl Iodide	4.26	142	105100	52.151	ug/l	99
11) Tert butyl alcohol	5.16	59	40854	261.151	ug/l	99
12) 1,1-Dichloroethene	4.03	96	68535	45.351	ug/l	98
13) Acrolein	3.89	56	26958	162.388	ug/l	99
14) Allyl chloride	4.66	41	136163	43.556	ug/l	97
15) Acrylonitrile	5.36	53	117815	235.264	ug/l	100
16) Acetone	4.11	43	100532	180.354	ug/l	96
17) Carbon Disulfide	4.37	76	130511	40.686	ug/l	100
18) Methyl Acetate	4.66	43	68132	52.097	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	158147	52.767	ug/l	100
20) Methylene Chloride	4.91	84	89536	51.343	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	76407	49.551	ug/l	89
22) Diisopropyl ether	6.31	45	321336	51.826	ug/l	99
23) Vinyl Acetate	6.24	43	892823	227.215	ug/l	99
24) 1,1-Dichloroethane	6.21	63	169233	50.691	ug/l	99
25) 2-Butanone	7.17	43	157310	196.260	ug/l	99
26) 2,2-Dichloropropane	7.16	77	86247	40.903	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	97191	54.360	ug/l	95
28) Bromochloromethane	7.51	49	79541	51.888	ug/l	89
29) Tetrahydrofuran	7.52	42	101149	224.708	ug/l	95
30) Chloroform	7.67	83	174426	52.718	ug/l	99
31) Cyclohexane	7.95	56	117607	39.130	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	134476	50.141	ug/l	96
36) 1,1-Dichloropropene	8.08	75	114095	44.760	ug/l	99
37) Ethyl Acetate	7.25	43	69766	42.935	ug/l	99
38) Carbon Tetrachloride	8.06	117	117953	46.943	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	119613	41.781	ug/l	95
40) Benzene	8.32	78	349930	49.479	ug/l	99
41) Methacrylonitrile	7.48	41	42510	39.369	ug/l	94
42) 1,2-Dichloroethane	8.40	62	126451	50.804	ug/l	99
43) Isopropyl Acetate	8.42	43	136984	44.497	ug/l	97
44) Trichloroethene	9.09	130	92265	50.611	ug/l	91
45) 1,2-Dichloropropane	9.37	63	97678	49.797	ug/l	93
46) Dibromomethane	9.46	93	47793	51.454	ug/l	96
47) Bromodichloromethane	9.64	83	132759	51.951	ug/l	99
48) Methyl methacrylate	9.43	41	70302	47.786	ug/l	96
49) 1,4-Dioxane	9.45	88	16078	876.303	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	360989	223.468	ug/l	98
52) Toluene	10.38	92	225876	51.172	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	128745	48.995	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	145206	48.711	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	73115	52.578	ug/l	97
56) Ethyl methacrylate	10.65	69	101434	49.831	ug/l	98
57) 1,3-Dichloropropane	10.93	76	129845	50.472	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	263847	244.157	ug/l	96
59) 2-Hexanone	10.96	43	244643	207.293	ug/l	98
60) Dibromochloromethane	11.13	129	85794	52.459	ug/l	99
61) 1,2-Dibromoethane	11.23	107	66132	51.872	ug/l	99
64) Tetrachloroethene	10.86	164	88514	56.658	ug/l	96
65) Chlorobenzene	11.66	112	247060	50.770	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	97386	53.739	ug/l	98
67) Ethyl Benzene	11.73	91	457146	50.070	ug/l	99
68) m/p-Xylenes	11.83	106	333624	101.233	ug/l	98
69) o-Xylene	12.16	106	160393	51.587	ug/l	98
70) Styrene	12.18	104	288224	52.461	ug/l	99
71) Bromoform	12.35	173	51871	51.519	ug/l #	98
73) Isopropylbenzene	12.46	105	449826	47.698	ug/l	100
74) N-amyl acetate	12.27	43	125378	41.884	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	84079	44.393	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	67703m	50.354	ug/l	
77) Bromobenzene	12.74	156	110098	51.529	ug/l	92
78) n-propylbenzene	12.80	91	529275	46.925	ug/l	100
79) 2-Chlorotoluene	12.89	91	317293	49.002	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	389167	48.972	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	24289	38.209	ug/l	97
82) 4-Chlorotoluene	12.99	91	329380	48.091	ug/l	98
83) tert-Butylbenzene	13.21	119	343705	48.915	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	397715	49.668	ug/l	100
85) sec-Butylbenzene	13.38	105	455251	46.691	ug/l	98
86) p-Isopropyltoluene	13.50	119	429474	48.222	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	210367	50.092	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	210733	50.428	ug/l	99
89) n-Butylbenzene	13.82	91	395083	45.694	ug/l	100
90) Hexachloroethane	14.09	117	76253	49.045	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	195077	51.608	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	15618	45.060	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	136037	51.692	ug/l	99
94) Hexachlorobutadiene	15.24	225	88990	48.854	ug/l	99
95) Naphthalene	15.36	128	244967	44.902	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	122703	52.821	ug/l	99

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

