

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
 Data File : VW012981.D
 Acq On : 14 Sep 2019 03:51
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/16/2019 12:43:54 AM

Quant Time: Sep 14 05:47:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	275252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	414598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	360517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	181064	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	146150	57.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.98%	
35) Dibromofluoromethane	7.88	113	120292	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	
50) Toluene-d8	10.32	98	478331	54.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.68%	
62) 4-Bromofluorobenzene	12.62	95	166261	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	47949	45.070	ug/l	94
3) Chloromethane	2.21	50	67444	51.018	ug/l	100
4) Vinyl Chloride	2.36	62	87850	44.590	ug/l	100
5) Bromomethane	2.76	94	54972	45.690	ug/l	98
6) Chloroethane	2.91	64	57895	47.913	ug/l	98
7) Trichlorofluoromethane	3.25	101	60048	43.585	ug/l	100
8) Diethyl Ether	3.68	74	53488	49.721	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	96354	46.112	ug/l	98
10) Methyl Iodide	4.27	142	129358	49.466	ug/l	100
11) Tert butyl alcohol	5.19	59	45503	266.581	ug/l	96
12) 1,1-Dichloroethene	4.04	96	89765	47.246	ug/l	96
13) Acrolein	3.89	56	46444	247.762	ug/l	99
14) Allyl chloride	4.66	41	179505	49.767	ug/l	100
15) Acrylonitrile	5.36	53	143560	261.281	ug/l	99
16) Acetone	4.12	43	119980	214.750	ug/l	98
17) Carbon Disulfide	4.38	76	169480	44.762	ug/l	97
18) Methyl Acetate	4.67	43	79266	54.730	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	194993	51.992	ug/l	92
20) Methylene Chloride	4.91	84	109357	53.623	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	98850	48.577	ug/l	97
22) Diisopropyl ether	6.31	45	393121	52.464	ug/l	97
23) Vinyl Acetate	6.25	43	1132896	252.431	ug/l	98
24) 1,1-Dichloroethane	6.21	63	217874	50.430	ug/l	98
25) 2-Butanone	7.17	43	190810	236.051	ug/l	99
26) 2,2-Dichloropropane	7.16	77	124824	45.101	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	122884	50.440	ug/l	98
28) Bromochloromethane	7.51	49	102614	56.431	ug/l	98
29) Tetrahydrofuran	7.53	42	123633	268.429	ug/l	97
30) Chloroform	7.67	83	221636	50.489	ug/l	99
31) Cyclohexane	7.95	56	158797	48.868	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	173721	48.055	ug/l	98
36) 1,1-Dichloropropene	8.08	75	152261	45.959	ug/l	99
37) Ethyl Acetate	7.25	43	86579	49.235	ug/l	99
38) Carbon Tetrachloride	8.07	117	154534	45.517	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	158528	43.668	ug/l	98
40) Benzene	8.32	78	447324	48.366	ug/l	100
41) Methacrylonitrile	7.48	41	54418	46.992	ug/l	94
42) 1,2-Dichloroethane	8.40	62	152190	49.088	ug/l	99
43) Isopropyl Acetate	8.42	43	166998	49.461	ug/l	99
44) Trichloroethene	9.09	130	120295	47.485	ug/l	93
45) 1,2-Dichloropropane	9.37	63	120221	48.925	ug/l	98
46) Dibromomethane	9.46	93	57290	48.663	ug/l	99
47) Bromodichloromethane	9.64	83	161246	48.829	ug/l	98
48) Methyl methacrylate	9.43	41	79506	50.174	ug/l	99
49) 1,4-Dioxane	9.46	88	18658	945.827	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	438269	251.424	ug/l	100
52) Toluene	10.38	92	280127	47.665	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	156776	47.206	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	181507	47.765	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	88762	49.492	ug/l	95
56) Ethyl methacrylate	10.65	69	122859	50.894	ug/l	98
57) 1,3-Dichloropropane	10.93	76	155630	48.919	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	332157	256.501	ug/l	99
59) 2-Hexanone	10.97	43	291648	240.282	ug/l	98
60) Dibromochloromethane	11.13	129	103864	47.902	ug/l	95
61) 1,2-Dibromoethane	11.23	107	80506	49.208	ug/l	99
64) Tetrachloroethene	10.86	164	108554	50.614	ug/l	97
65) Chlorobenzene	11.66	112	306202	47.683	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	117969	47.938	ug/l	100
67) Ethyl Benzene	11.73	91	573735	48.376	ug/l	99
68) m/p-Xylenes	11.84	106	415674	95.941	ug/l	99
69) o-Xylene	12.16	106	197285	48.570	ug/l	99
70) Styrene	12.18	104	354862	49.111	ug/l	99
71) Bromoform	12.35	173	64056	49.555	ug/l #	99
73) Isopropylbenzene	12.46	105	568147	47.340	ug/l	100
74) N-amyl acetate	12.27	43	149135	48.307	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	102369	48.565	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	82530m	52.037	ug/l	
77) Bromobenzene	12.74	156	133379	48.241	ug/l	99
78) n-propylbenzene	12.80	91	665520	47.142	ug/l	99
79) 2-Chlorotoluene	12.89	91	389777	48.029	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	480300	47.305	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	31174	44.589	ug/l	97
82) 4-Chlorotoluene	12.99	91	407674	47.611	ug/l	99
83) tert-Butylbenzene	13.21	119	428749	47.210	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	484797	48.320	ug/l	99
85) sec-Butylbenzene	13.38	105	574013	46.391	ug/l	99
86) p-Isopropyltoluene	13.49	119	537345	47.301	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	255417	46.667	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	256786	47.743	ug/l	99
89) n-Butylbenzene	13.82	91	498940	46.571	ug/l	100
90) Hexachloroethane	14.09	117	95188	46.758	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	231548	48.107	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	18006	46.667	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	166017	48.365	ug/l	99
94) Hexachlorobutadiene	15.24	225	110431	45.445	ug/l	98
95) Naphthalene	15.36	128	287771	50.174	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	144021	47.464	ug/l	100

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

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