

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090719\
 Data File : VW012717.D
 Acq On : 07 Sep 2019 13:39
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/10/2019 1:02:49 PM

Quant Time: Sep 08 05:23:14 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	227938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	344618	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	146344	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	133992	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	
35) Dibromofluoromethane	7.88	113	102196	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
50) Toluene-d8	10.32	98	428402	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
62) 4-Bromofluorobenzene	12.62	95	147701	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	65659	53.135	ug/l	98
3) Chloromethane	2.21	50	72212	48.085	ug/l	98
4) Vinyl Chloride	2.36	62	95306	51.759	ug/l	97
5) Bromomethane	2.78	94	53172	53.178	ug/l	100
6) Chloroethane	2.92	64	54914	49.976	ug/l	100
7) Trichlorofluoromethane	3.25	101	62354	49.072	ug/l	96
8) Diethyl Ether	3.68	74	57877	54.194	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	105848	53.082	ug/l	99
10) Methyl Iodide	4.27	142	127309	50.716	ug/l	100
11) Tert butyl alcohol	5.20	59	50648	259.921	ug/l	97
12) 1,1-Dichloroethene	4.04	96	97552	51.824	ug/l	96
13) Acrolein	3.89	56	49281	238.324	ug/l	100
14) Allyl chloride	4.67	41	207334	53.245	ug/l	100
15) Acrylonitrile	5.37	53	165850	265.884	ug/l	99
16) Acetone	4.13	43	186814	269.063	ug/l	96
17) Carbon Disulfide	4.38	76	205393	51.405	ug/l	99
18) Methyl Acetate	4.67	43	83361	51.174	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	198525	53.179	ug/l	97
20) Methylene Chloride	4.91	84	105038	48.356	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	100763	52.462	ug/l	95
22) Diisopropyl ether	6.31	45	408238	52.859	ug/l	95
23) Vinyl Acetate	6.25	43	1354396	276.719	ug/l	99
24) 1,1-Dichloroethane	6.21	63	221410	53.244	ug/l	99
25) 2-Butanone	7.17	43	248535	243.652	ug/l	99
26) 2,2-Dichloropropane	7.16	77	139671	53.179	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	117968	52.971	ug/l	99
28) Bromochloromethane	7.51	49	104471	54.713	ug/l	99
29) Tetrahydrofuran	7.53	42	149085	265.897	ug/l	100
30) Chloroform	7.67	83	213694	51.852	ug/l	100
31) Cyclohexane	7.95	56	182921	48.861	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	173876	52.048	ug/l	100
36) 1,1-Dichloropropene	8.08	75	159265	52.013	ug/l	99
37) Ethyl Acetate	7.25	43	100382	51.426	ug/l	98
38) Carbon Tetrachloride	8.07	117	160924	53.314	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	177439	51.595	ug/l	99
40) Benzene	8.32	78	443939	52.255	ug/l	100
41) Methacrylonitrile	7.48	41	61947	46.940	ug/l	97
42) 1,2-Dichloroethane	8.40	62	152863	51.126	ug/l	100
43) Isopropyl Acetate	8.42	43	191807	51.866	ug/l	100
44) Trichloroethene	9.09	130	114045	52.077	ug/l	92
45) 1,2-Dichloropropane	9.37	63	124697	52.921	ug/l	98
46) Dibromomethane	9.46	93	58415	52.353	ug/l	98
47) Bromodichloromethane	9.64	83	162233	52.848	ug/l	99
48) Methyl methacrylate	9.43	41	92717	52.463	ug/l	98
49) 1,4-Dioxane	9.47	88	23484	1065.512	ug/l #	73
51) 4-Methyl-2-Pentanone	10.21	43	510351	263.000	ug/l	99
52) Toluene	10.38	92	279536	52.718	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	167935	53.202	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	191451	53.465	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	87300	52.261	ug/l	97
56) Ethyl methacrylate	10.65	69	126718	51.822	ug/l	99
57) 1,3-Dichloropropane	10.93	76	161098	52.129	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	335659	258.571	ug/l	100
59) 2-Hexanone	10.96	43	371546	262.077	ug/l	100
60) Dibromochloromethane	11.13	129	102464	52.155	ug/l	100
61) 1,2-Dibromoethane	11.24	107	81174	53.003	ug/l	100
64) Tetrachloroethene	10.86	164	93864	52.550	ug/l	98
65) Chlorobenzene	11.66	112	291051	52.312	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	107152	51.716	ug/l	99
67) Ethyl Benzene	11.73	91	534607	51.213	ug/l	98
68) m/p-Xylenes	11.84	106	390183	103.553	ug/l	98
69) o-Xylene	12.16	106	191964	54.002	ug/l	98
70) Styrene	12.18	104	341524	54.369	ug/l	100
71) Bromoform	12.35	173	61131	53.105	ug/l #	100
73) Isopropylbenzene	12.46	105	561062	53.454	ug/l	99
74) N-amyl acetate	12.27	43	177825	53.374	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	105762	50.173	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	88522m	59.155	ug/l	
77) Bromobenzene	12.74	156	124496	52.353	ug/l	99
78) n-propylbenzene	12.80	91	670231	53.390	ug/l	100
79) 2-Chlorotoluene	12.89	91	377989	52.451	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	468489	52.969	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	37752	53.359	ug/l	98
82) 4-Chlorotoluene	12.99	91	401715	52.699	ug/l	100
83) tert-Butylbenzene	13.21	119	416677	53.281	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	463843	52.047	ug/l	99
85) sec-Butylbenzene	13.38	105	570560	52.577	ug/l	99
86) p-Isopropyltoluene	13.50	119	519939	52.454	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	239906	51.327	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	237391	51.041	ug/l	99
89) n-Butylbenzene	13.82	91	509140	52.908	ug/l	100
90) Hexachloroethane	14.09	117	92480	53.444	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	217734	51.755	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	19751	51.200	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	158208	54.014	ug/l	99
94) Hexachlorobutadiene	15.24	225	100546	49.595	ug/l	98
95) Naphthalene	15.36	128	302723	49.367	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	142269	55.027	ug/l	100

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

