

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011347.D
 Acq On : 18 Jul 2019 21:35
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/19/2019 9:54:03 AM

Quant Time: Jul 19 08:00:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	175931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	291445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	264148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	131916	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	108045	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
35) Dibromofluoromethane	7.88	113	85381	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	10.32	98	337709	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
62) 4-Bromofluorobenzene	12.62	95	126146	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.01	85	58946	44.925	ug/l	100
3) Chloromethane	2.21	50	85615	50.638	ug/l	97
4) Vinyl Chloride	2.36	62	101629	45.925	ug/l	95
5) Bromomethane	2.77	94	53952	48.519	ug/l	92
6) Chloroethane	2.92	64	57208	47.996	ug/l	99
7) Trichlorofluoromethane	3.25	101	33319	42.383	ug/l	99
8) Diethyl Ether	3.67	74	55999	51.482	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	90098	47.847	ug/l	99
10) Methyl Iodide	4.26	142	129629	50.052	ug/l	100
11) Tert butyl alcohol	5.17	59	45345	277.054	ug/l	98
12) 1,1-Dichloroethene	4.04	96	95050	48.633	ug/l	95
13) Acrolein	3.89	56	27653	212.180	ug/l	100
14) Allyl chloride	4.66	41	165653	46.480	ug/l	98
15) Acrylonitrile	5.36	53	153205	276.556	ug/l	99
16) Acetone	4.12	43	152362	286.446	ug/l	100
17) Carbon Disulfide	4.38	76	279566	47.183	ug/l	99
18) Methyl Acetate	4.67	43	80993	53.648	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	156776	52.867	ug/l	97
20) Methylene Chloride	4.91	84	116203	55.379	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	101433	49.947	ug/l	97
22) Diisopropyl ether	6.31	45	398997	52.051	ug/l	99
23) Vinyl Acetate	6.24	43	1313126	276.803	ug/l	100
24) 1,1-Dichloroethane	6.21	63	206799	51.376	ug/l	99
25) 2-Butanone	7.17	43	241327	289.032	ug/l	99
26) 2,2-Dichloropropane	7.16	77	99668	47.634	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	113138	51.645	ug/l	100
28) Bromochloromethane	7.51	49	84714	46.285	ug/l	100
29) Tetrahydrofuran	7.52	42	153678	280.698	ug/l	100
30) Chloroform	7.67	83	188519	50.572	ug/l	98
31) Cyclohexane	7.95	56	193897	45.279	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	138398	48.806	ug/l	99
36) 1,1-Dichloropropene	8.08	75	150365	48.448	ug/l	99
37) Ethyl Acetate	7.25	43	102818	55.138	ug/l	99
38) Carbon Tetrachloride	8.06	117	127025	48.280	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	178924	47.564	ug/l	99
40) Benzene	8.32	78	435000	50.716	ug/l	99
41) Methacrylonitrile	7.48	41	64210	60.206	ug/l	91
42) 1,2-Dichloroethane	8.40	62	144711	52.010	ug/l	100
43) Isopropyl Acetate	8.42	43	190636	54.149	ug/l	100
44) Trichloroethene	9.09	130	101979	49.408	ug/l	98
45) 1,2-Dichloropropane	9.37	63	120088	51.703	ug/l	99
46) Dibromomethane	9.46	93	56901	52.151	ug/l	99
47) Bromodichloromethane	9.64	83	144273	51.679	ug/l	100
48) Methyl methacrylate	9.43	41	93183	55.016	ug/l	98
49) 1,4-Dioxane	9.45	88	19754	1084.671	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	517762	281.535	ug/l	100
52) Toluene	10.38	92	263980	50.736	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	148719	50.047	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	174434	49.871	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	82171	53.087	ug/l	97
56) Ethyl methacrylate	10.64	69	125598	53.297	ug/l	98
57) 1,3-Dichloropropane	10.93	76	155588	53.156	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	242181	221.673	ug/l	99
59) 2-Hexanone	10.97	43	354336	277.825	ug/l	100
60) Dibromochloromethane	11.13	129	87871	51.770	ug/l	100
61) 1,2-Dibromoethane	11.23	107	78016	53.210	ug/l	99
64) Tetrachloroethene	10.86	164	90350	50.690	ug/l	97
65) Chlorobenzene	11.66	112	267206	49.755	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	94659	50.060	ug/l	100
67) Ethyl Benzene	11.73	91	508394	49.450	ug/l	98
68) m/p-Xylenes	11.84	106	370340	99.552	ug/l	100
69) o-Xylene	12.16	106	175387	50.022	ug/l	99
70) Styrene	12.18	104	309481	51.144	ug/l	99
71) Bromoform	12.35	173	49944	49.677	ug/l #	100
73) Isopropylbenzene	12.46	105	475367	48.206	ug/l	100
74) N-amyl acetate	12.27	43	177269	51.616	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	104284	51.590	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	71323m	46.786	ug/l	
77) Bromobenzene	12.74	156	108867	49.194	ug/l	100
78) n-propylbenzene	12.80	91	589290	48.511	ug/l	100
79) 2-Chlorotoluene	12.89	91	337565	48.290	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	408242	48.730	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	30457	45.188	ug/l	99
82) 4-Chlorotoluene	12.99	91	357942	49.162	ug/l	100
83) tert-Butylbenzene	13.21	119	339466	48.586	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	413445	49.149	ug/l	99
85) sec-Butylbenzene	13.38	105	482134	47.823	ug/l	99
86) p-Isopropyltoluene	13.50	119	439592	48.614	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	210170	49.360	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	212423	49.544	ug/l	99
89) n-Butylbenzene	13.82	91	435084	48.233	ug/l	99
90) Hexachloroethane	14.09	117	77781	47.072	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	191813	49.656	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18235	50.857	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	134256	50.461	ug/l	98
94) Hexachlorobutadiene	15.24	225	77509	47.451	ug/l	100
95) Naphthalene	15.37	128	272564	53.460	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	118376	50.413	ug/l	99

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

