

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070919\
 Data File : VW011170.D
 Acq On : 09 Jul 2019 10:54
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/10/2019 10:47:28 AM

Quant Time: Jul 10 04:42:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 07:16:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	239336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	380825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	334153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	164543	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	134302	44.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.32%	
35) Dibromofluoromethane	7.88	113	110168	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
50) Toluene-d8	10.32	98	453943	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.62	95	163397	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.01	85	90877	50.912	ug/l	100
3) Chloromethane	2.21	50	111665	48.549	ug/l	96
4) Vinyl Chloride	2.36	62	156306	51.921	ug/l	96
5) Bromomethane	2.77	94	76970	50.882	ug/l	94
6) Chloroethane	2.92	64	85091	52.477	ug/l	99
7) Trichlorofluoromethane	3.25	101	58406	54.613	ug/l	99
8) Diethyl Ether	3.68	74	72724	49.146	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	134154	52.370	ug/l	100
10) Methyl Iodide	4.27	142	183369	52.045	ug/l	99
11) Tert butyl alcohol	5.16	59	49942	224.303	ug/l	99
12) 1,1-Dichloroethene	4.03	96	139495	52.466	ug/l	94
13) Acrolein	3.89	56	59339	334.685	ug/l	100
14) Allyl chloride	4.66	41	266637	54.995	ug/l	100
15) Acrylonitrile	5.36	53	181467	240.792	ug/l	99
16) Acetone	4.12	43	208203	287.731	ug/l	99
17) Carbon Disulfide	4.38	76	421682	52.314	ug/l	100
18) Methyl Acetate	4.67	43	84724m	40.916	ug/l	
19) Methyl tert-butyl Ether	5.42	73	197334	48.915	ug/l	99
20) Methylene Chloride	4.92	84	143705	50.342	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	141438	51.195	ug/l	98
22) Diisopropyl ether	6.31	45	524746	50.321	ug/l	99
23) Vinyl Acetate	6.25	43	1693750	262.450	ug/l	100
24) 1,1-Dichloroethane	6.21	63	276200	50.439	ug/l	99
25) 2-Butanone	7.17	43	281572	247.892	ug/l	99
26) 2,2-Dichloropropane	7.17	77	150068	52.721	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	150878	50.627	ug/l	100
28) Bromochloromethane	7.51	49	114788	46.102	ug/l #	99
29) Tetrahydrofuran	7.52	42	174571	234.388	ug/l	100
30) Chloroform	7.67	83	249571	49.213	ug/l	99
31) Cyclohexane	7.95	56	290320	49.836	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	197480	51.192	ug/l	99
36) 1,1-Dichloropropene	8.08	75	216094	53.285	ug/l	100
37) Ethyl Acetate	7.24	43	117444	48.200	ug/l	100
38) Carbon Tetrachloride	8.07	117	187080	54.417	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	273542	55.650	ug/l	99
40) Benzene	8.32	78	586140	52.298	ug/l	99
41) Methacrylonitrile	7.48	41	74798	53.673	ug/l	91
42) 1,2-Dichloroethane	8.40	62	184249	50.678	ug/l	99
43) Isopropyl Acetate	8.42	43	228866	49.750	ug/l	99
44) Trichloroethene	9.09	130	143848	53.336	ug/l	100
45) 1,2-Dichloropropane	9.37	63	157159	51.782	ug/l	99
46) Dibromomethane	9.46	93	71040	49.829	ug/l	99
47) Bromodichloromethane	9.64	83	190549	52.236	ug/l	99
48) Methyl methacrylate	9.43	41	109402	49.432	ug/l	99
49) 1,4-Dioxane	9.44	88	24038	1010.119	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	594324	247.319	ug/l	100
52) Toluene	10.38	92	359875	52.933	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	201647	51.932	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	238568	52.199	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	101975	50.419	ug/l	97
56) Ethyl methacrylate	10.65	69	156579	50.849	ug/l	99
57) 1,3-Dichloropropane	10.93	76	192215	50.257	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	368591	258.196	ug/l	99
59) 2-Hexanone	10.97	43	432208	259.346	ug/l	100
60) Dibromochloromethane	11.13	129	115306	51.989	ug/l	98
61) 1,2-Dibromoethane	11.23	107	97465	50.874	ug/l	98
64) Tetrachloroethene	10.86	164	118248	52.443	ug/l	98
65) Chlorobenzene	11.66	112	358112	52.712	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	125493	52.462	ug/l	99
67) Ethyl Benzene	11.73	91	708548	54.480	ug/l	99
68) m/p-Xylenes	11.84	106	514089	109.242	ug/l	99
69) o-Xylene	12.16	106	237931	53.643	ug/l	100
70) Styrene	12.18	104	414323	54.126	ug/l	100
71) Bromoform	12.35	173	63321	49.788	ug/l #	99
73) Isopropylbenzene	12.46	105	672557	54.679	ug/l	100
74) N-amyl acetate	12.27	43	218173	50.929	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	123582	49.014	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	85479m	44.953	ug/l	
77) Bromobenzene	12.74	156	141920	51.413	ug/l	99
78) n-propylbenzene	12.80	91	826364	54.538	ug/l	99
79) 2-Chlorotoluene	12.89	91	461555	52.935	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	567214	54.281	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	42488	50.539	ug/l	99
82) 4-Chlorotoluene	12.99	91	480794	52.941	ug/l	100
83) tert-Butylbenzene	13.21	119	476691	54.698	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	568455	54.176	ug/l	99
85) sec-Butylbenzene	13.38	105	692128	55.039	ug/l	99
86) p-Isopropyltoluene	13.50	119	624360	55.356	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	284481	53.565	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	279969	52.350	ug/l	99
89) n-Butylbenzene	13.82	91	636308	56.553	ug/l	99
90) Hexachloroethane	14.10	117	111947	54.315	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	247092	51.283	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21399	47.848	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	184329	55.543	ug/l	99
94) Hexachlorobutadiene	15.24	225	114119	56.011	ug/l	99
95) Naphthalene	15.37	128	342886	53.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	160652	54.851	ug/l	99

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

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