

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015820.D
 Acq On : 08 Jul 2020 19:51
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:47:39 AM

Quant Time: Jul 09 05:38:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	195364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	318035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	299132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	153429	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	99146	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	7.88	113	86846	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
50) Toluene-d8	10.33	98	341025	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
62) 4-Bromofluorobenzene	12.62	95	132051	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.01	85	51179	49.742	ug/l	100
3) Chloromethane	2.21	50	62851	44.980	ug/l	96
4) Vinyl Chloride	2.37	62	102406	47.466	ug/l	99
5) Bromomethane	2.78	94	77482	46.935	ug/l	99
6) Chloroethane	2.93	64	71877	49.366	ug/l	99
7) Trichlorofluoromethane	3.26	101	77825	50.193	ug/l	95
8) Diethyl Ether	3.68	74	50756	52.538	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	89408	49.260	ug/l	99
10) Methyl Iodide	4.27	142	130418	51.392	ug/l	100
11) Tert butyl alcohol	5.17	59	34080	326.591	ug/l	100
12) 1,1-Dichloroethene	4.04	96	88358	49.513	ug/l	98
13) Acrolein	3.89	56	31467	225.476	ug/l	98
14) Allyl chloride	4.67	41	149987	51.711	ug/l	99
15) Acrylonitrile	5.37	53	111782	295.935	ug/l	99
16) Acetone	4.12	43	102737	272.932	ug/l	99
17) Carbon Disulfide	4.38	76	256072	48.238	ug/l	99
18) Methyl Acetate	4.67	43	49311	57.564	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	151410	56.690	ug/l	97
20) Methylene Chloride	4.92	84	115012	60.432	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	106248	51.403	ug/l	99
22) Diisopropyl ether	6.32	45	313784	53.685	ug/l	99
23) Vinyl Acetate	6.26	43	976210	280.801	ug/l	100
24) 1,1-Dichloroethane	6.21	63	190991	51.611	ug/l	99
25) 2-Butanone	7.17	43	148728	291.081	ug/l	96
26) 2,2-Dichloropropane	7.16	77	110333	47.524	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	115836	52.192	ug/l	99
28) Bromochloromethane	7.51	49	72089	49.139	ug/l #	14
29) Tetrahydrofuran	7.53	42	95436	307.799	ug/l	99
30) Chloroform	7.68	83	195807	51.761	ug/l	99
31) Cyclohexane	7.96	56	164817	47.323	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	158416	49.941	ug/l	99
36) 1,1-Dichloropropene	8.08	75	153397	48.929	ug/l	100
37) Ethyl Acetate	7.26	43	67576	55.473	ug/l	100
38) Carbon Tetrachloride	8.07	117	144644	47.680	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	184198	49.791	ug/l	99
40) Benzene	8.32	78	429179	49.975	ug/l	97
41) Methacrylonitrile	7.48	41	39253	56.758	ug/l	97
42) 1,2-Dichloroethane	8.40	62	138106	51.670	ug/l	99
43) Isopropyl Acetate	8.43	43	134506	56.568	ug/l	98
44) Trichloroethene	9.09	130	112789	49.654	ug/l	91
45) 1,2-Dichloropropane	9.37	63	107451	50.903	ug/l	99
46) Dibromomethane	9.46	93	57240	52.671	ug/l	98
47) Bromodichloromethane	9.65	83	145461	51.748	ug/l	99
48) Methyl methacrylate	9.44	41	63493	58.265	ug/l	97
49) 1,4-Dioxane	9.45	88	18167	1352.135	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	339469	292.569	ug/l	100
52) Toluene	10.39	92	286744	51.886	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	143642	53.259	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	167988	52.070	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	81307	53.955	ug/l	99
56) Ethyl methacrylate	10.65	69	109940	59.342	ug/l	98
57) 1,3-Dichloropropane	10.93	76	142775	53.522	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	251399	277.715	ug/l	99
59) 2-Hexanone	10.97	43	239844	309.742	ug/l	99
60) Dibromochloromethane	11.13	129	93863	53.932	ug/l	97
61) 1,2-Dibromoethane	11.24	107	77168	53.518	ug/l	99
64) Tetrachloroethene	10.87	164	93222	49.245	ug/l	93
65) Chlorobenzene	11.66	112	301083	51.468	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	108295	52.313	ug/l	99
67) Ethyl Benzene	11.73	91	559473	51.644	ug/l	96
68) m/p-Xylenes	11.84	106	425528	104.566	ug/l	99
69) o-Xylene	12.17	106	198956	53.560	ug/l	98
70) Styrene	12.18	104	343208	53.697	ug/l	100
71) Bromoform	12.35	173	53174	56.275	ug/l #	98
73) Isopropylbenzene	12.46	105	558199	51.642	ug/l	99
74) N-amyl acetate	12.27	43	132227	57.179	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	97487	54.280	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	70970m	52.631	ug/l	
77) Bromobenzene	12.75	156	122522	50.552	ug/l	99
78) n-propylbenzene	12.80	91	674875	51.439	ug/l	99
79) 2-Chlorotoluene	12.90	91	381580	51.001	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	471782	51.211	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	28911	48.721	ug/l	98
82) 4-Chlorotoluene	12.99	91	399115	51.083	ug/l	100
83) tert-Butylbenzene	13.21	119	397755	52.007	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	478894	52.053	ug/l	100
85) sec-Butylbenzene	13.38	105	572881	51.866	ug/l	99
86) p-Isopropyltoluene	13.50	119	521075	51.662	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	243047	50.027	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	246913	51.915	ug/l	98
89) n-Butylbenzene	13.82	91	502777	52.089	ug/l	99
90) Hexachloroethane	14.10	117	93710	51.259	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	219459	52.139	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16643	57.997	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	149240	56.240	ug/l	99
94) Hexachlorobutadiene	15.24	225	92238	54.746	ug/l	96
95) Naphthalene	15.37	128	283718	56.833	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	133575	59.156	ug/l	98

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

