

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050620\
 Data File : VW015412.D
 Acq On : 06 May 2020 15:44
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/7/2020 10:35:02 AM

Quant Time: May 07 04:02:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:41:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	228218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	374218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	336231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	168070	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	128335	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
35) Dibromofluoromethane	7.88	113	110919	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
50) Toluene-d8	10.32	98	461357	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
62) 4-Bromofluorobenzene	12.62	95	173281	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	71715	54.352	ug/l	99
3) Chloromethane	2.21	50	81460	49.315	ug/l	100
4) Vinyl Chloride	2.37	62	123428	49.340	ug/l	97
5) Bromomethane	2.78	94	84715	43.226	ug/l	95
6) Chloroethane	2.92	64	80312	46.588	ug/l	99
7) Trichlorofluoromethane	3.26	101	89947	49.020	ug/l	98
8) Diethyl Ether	3.68	74	56740	49.485	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	105882	49.779	ug/l	99
10) Methyl Iodide	4.27	142	159167	49.452	ug/l	99
11) Tert butyl alcohol	5.17	59	44717	309.107	ug/l	99
12) 1,1-Dichloroethene	4.03	96	108427	49.155	ug/l	96
13) Acrolein	3.89	56	44333	239.977	ug/l	98
14) Allyl chloride	4.67	41	189077	48.922	ug/l	100
15) Acrylonitrile	5.36	53	126512	271.100	ug/l	100
16) Acetone	4.12	43	118032	302.860	ug/l	98
17) Carbon Disulfide	4.38	76	337372	49.881	ug/l	99
18) Methyl Acetate	4.67	43	54418	52.598	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	179737	50.714	ug/l	98
20) Methylene Chloride	4.91	84	113647	44.694	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	123462	49.307	ug/l	97
22) Diisopropyl ether	6.31	45	372877	49.372	ug/l	99
23) Vinyl Acetate	6.25	43	1180652	257.167	ug/l	99
24) 1,1-Dichloroethane	6.21	63	221062	48.825	ug/l	99
25) 2-Butanone	7.17	43	169876	279.651	ug/l	99
26) 2,2-Dichloropropane	7.16	77	145834	48.597	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	134886	49.610	ug/l	98
28) Bromochloromethane	7.51	49	93017	51.094	ug/l	100
29) Tetrahydrofuran	7.53	42	110143	275.513	ug/l	99
30) Chloroform	7.68	83	219908	48.884	ug/l	98
31) Cyclohexane	7.95	56	211652	46.040	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	188094	49.748	ug/l	100
36) 1,1-Dichloropropene	8.08	75	182894	49.745	ug/l	99
37) Ethyl Acetate	7.25	43	79472	55.707	ug/l	98
38) Carbon Tetrachloride	8.07	117	173226	50.398	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	231732	49.792	ug/l	96
40) Benzene	8.32	78	493206	49.186	ug/l	99
41) Methacrylonitrile	7.48	41	45849	50.866	ug/l	99
42) 1,2-Dichloroethane	8.40	62	154197	50.487	ug/l	100
43) Isopropyl Acetate	8.42	43	159478	53.154	ug/l	99
44) Trichloroethene	9.09	130	130031	50.032	ug/l	99
45) 1,2-Dichloropropane	9.37	63	122133	49.305	ug/l	99
46) Dibromomethane	9.46	93	63522	51.559	ug/l	97
47) Bromodichloromethane	9.65	83	170337	50.730	ug/l	99
48) Methyl methacrylate	9.43	41	74214	53.550	ug/l	96
49) 1,4-Dioxane	9.45	88	19620	1265.424	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	393198	279.642	ug/l	100
52) Toluene	10.38	92	319674	49.058	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	176116	51.387	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	203765	50.494	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	88023	50.524	ug/l	99
56) Ethyl methacrylate	10.65	69	127470	53.251	ug/l	99
57) 1,3-Dichloropropane	10.93	76	160663	51.290	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	310133	266.308	ug/l	99
59) 2-Hexanone	10.97	43	269643	283.419	ug/l	100
60) Dibromochloromethane	11.13	129	107816	51.455	ug/l	100
61) 1,2-Dibromoethane	11.23	107	85892	52.068	ug/l	100
64) Tetrachloroethene	10.86	164	104426	50.812	ug/l	94
65) Chlorobenzene	11.66	112	331619	50.023	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	118443	50.392	ug/l	99
67) Ethyl Benzene	11.73	91	635022	50.045	ug/l	100
68) m/p-Xylenes	11.84	106	473749	100.420	ug/l	99
69) o-Xylene	12.16	106	225325	50.827	ug/l	99
70) Styrene	12.18	104	388649	50.902	ug/l	99
71) Bromoform	12.35	173	62578	54.593	ug/l #	99
73) Isopropylbenzene	12.46	105	635987	50.686	ug/l	99
74) N-amyl acetate	12.27	43	157262	53.022	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	105509	53.752	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	68889m	49.825	ug/l	
77) Bromobenzene	12.75	156	135007	50.772	ug/l	98
78) n-propylbenzene	12.80	91	757328	50.307	ug/l	100
79) 2-Chlorotoluene	12.89	91	424640	50.040	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	539938	51.087	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	38080	54.478	ug/l	99
82) 4-Chlorotoluene	12.99	91	455201	50.616	ug/l	99
83) tert-Butylbenzene	13.21	119	458769	50.871	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	539542	51.029	ug/l	99
85) sec-Butylbenzene	13.38	105	652576	51.357	ug/l	100
86) p-Isopropyltoluene	13.50	119	597126	51.525	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	267920	50.582	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	270770	51.617	ug/l	99
89) n-Butylbenzene	13.82	91	577071	50.864	ug/l	100
90) Hexachloroethane	14.09	117	108875	50.981	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	235626	51.377	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	18727	54.649	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	159589	51.775	ug/l	98
94) Hexachlorobutadiene	15.23	225	93155	51.000	ug/l	98
95) Naphthalene	15.36	128	298250	54.019	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	135428	51.135	ug/l	98

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

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