

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015716.D
 Acq On : 25 Jun 2020 09:29
 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
 6/26/2020 11:21:16 AM

Quant Time: Jun 26 01:53:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	193690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	294571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	141434	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	103397	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	7.88	113	93527	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	10.32	98	375168	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.62	95	141263	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	66148	57.276	ug/l	97
3) Chloromethane	2.21	50	73191	53.970	ug/l	97
4) Vinyl Chloride	2.37	62	120023	54.744	ug/l	97
5) Bromomethane	2.78	94	93316	57.910	ug/l	100
6) Chloroethane	2.93	64	82436	57.136	ug/l	96
7) Trichlorofluoromethane	3.26	101	95114	57.779	ug/l	97
8) Diethyl Ether	3.68	74	51786	54.471	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	101145	52.126	ug/l	100
10) Methyl Iodide	4.27	142	140753	51.301	ug/l	99
11) Tert butyl alcohol	5.21	59	27101	223.217	ug/l	96
12) 1,1-Dichloroethene	4.04	96	98927	52.359	ug/l	99
13) Acrolein	3.90	56	33970	226.911	ug/l	100
14) Allyl chloride	4.67	41	157258	51.303	ug/l	99
15) Acrylonitrile	5.37	53	96970	247.215	ug/l	100
16) Acetone	4.13	43	118254	288.646	ug/l	100
17) Carbon Disulfide	4.38	76	285732	52.545	ug/l	99
18) Methyl Acetate	4.68	43	41716	49.134	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	144452	50.801	ug/l	98
20) Methylene Chloride	4.91	84	108853	54.988	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	112696	52.025	ug/l	99
22) Diisopropyl ether	6.32	45	314829	51.640	ug/l	98
23) Vinyl Acetate	6.26	43	931423	261.983	ug/l	100
24) 1,1-Dichloroethane	6.21	63	199078	51.875	ug/l	98
25) 2-Butanone	7.18	43	144039	260.138	ug/l	98
26) 2,2-Dichloropropane	7.17	77	126849	49.282	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	120023	51.506	ug/l	99
28) Bromochloromethane	7.51	49	73122	49.534	ug/l	99
29) Tetrahydrofuran	7.54	42	79958	245.739	ug/l	99
30) Chloroform	7.68	83	201855	51.287	ug/l	99
31) Cyclohexane	7.96	56	186884	50.342	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	173855	51.821	ug/l	98
36) 1,1-Dichloropropene	8.09	75	169057	55.178	ug/l	100
37) Ethyl Acetate	7.26	43	58204	49.754	ug/l	98
38) Carbon Tetrachloride	8.07	117	162945	54.865	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	208909	56.295	ug/l	97
40) Benzene	8.32	78	447206	53.681	ug/l	99
41) Methacrylonitrile	7.48	41	34506	51.394	ug/l	99
42) 1,2-Dichloroethane	8.40	62	135936	52.745	ug/l	99
43) Isopropyl Acetate	8.43	43	120039	51.419	ug/l	100
44) Trichloroethene	9.09	130	119829	53.365	ug/l	95
45) 1,2-Dichloropropane	9.37	63	107571	52.827	ug/l	100
46) Dibromomethane	9.46	93	54307	51.545	ug/l	99
47) Bromodichloromethane	9.65	83	145207	52.837	ug/l	98
48) Methyl methacrylate	9.44	41	56225	52.679	ug/l	98
49) 1,4-Dioxane	9.47	88	15174	1097.884	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	293478	260.679	ug/l	100
52) Toluene	10.39	92	295531	54.939	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	140850	53.052	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	170642	53.802	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	77565	52.950	ug/l	98
56) Ethyl methacrylate	10.65	69	98646	54.122	ug/l	97
57) 1,3-Dichloropropane	10.93	76	136050	52.388	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	234889	272.328	ug/l	100
59) 2-Hexanone	10.97	43	211737	276.257	ug/l	100
60) Dibromochloromethane	11.13	129	91963	53.873	ug/l	100
61) 1,2-Dibromoethane	11.24	107	73294	52.345	ug/l	98
64) Tetrachloroethene	10.87	164	99749	51.498	ug/l	96
65) Chlorobenzene	11.66	112	306348	52.699	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	108880	53.419	ug/l	99
67) Ethyl Benzene	11.73	91	586303	54.194	ug/l	99
68) m/p-Xylenes	11.84	106	445384	109.637	ug/l	99
69) o-Xylene	12.17	106	205275	54.958	ug/l	100
70) Styrene	12.18	104	354306	55.520	ug/l	99
71) Bromoform	12.35	173	49645	52.938	ug/l #	99
73) Isopropylbenzene	12.47	105	580808	53.833	ug/l	99
74) N-amyl acetate	12.27	43	117109	51.203	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	88278	51.145	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	64584m	50.062	ug/l	
77) Bromobenzene	12.75	156	124496	51.749	ug/l	98
78) n-propylbenzene	12.80	91	698735	53.804	ug/l	100
79) 2-Chlorotoluene	12.90	91	392885	53.730	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	504431	55.177	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	26304	51.382	ug/l	96
82) 4-Chlorotoluene	12.99	91	413484	53.450	ug/l	99
83) tert-Butylbenzene	13.21	119	418371	54.162	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	491040	53.860	ug/l	99
85) sec-Butylbenzene	13.38	105	611100	55.356	ug/l	100
86) p-Isopropyltoluene	13.50	119	549037	54.739	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	257035	53.821	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	242266	51.219	ug/l	98
89) n-Butylbenzene	13.82	91	536181	55.687	ug/l	99
90) Hexachloroethane	14.10	117	94555	52.973	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	216999	52.551	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14130	51.124	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	148460	54.444	ug/l	96
94) Hexachlorobutadiene	15.24	225	91153	52.472	ug/l	99
95) Naphthalene	15.37	128	243092	53.900	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	121728	51.849	ug/l	100

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

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