

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062420\
 Data File : VW015672.D
 Acq On : 24 Jun 2020 10:16
 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
 6/25/2020 4:15:22 PM

Quant Time: Jun 25 02:43:03 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	201034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	310208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	289349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	149961	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	108104	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
35) Dibromofluoromethane	7.88	113	96229	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	10.32	98	385468	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.62	95	145909	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	68522	57.165	ug/l 97
3) Chloromethane	2.21	50	74362	52.830	ug/l 100
4) Vinyl Chloride	2.37	62	118767	52.193	ug/l 99
5) Bromomethane	2.79	94	91317	54.599	ug/l 99
6) Chloroethane	2.93	64	80219	53.569	ug/l 99
7) Trichlorofluoromethane	3.26	101	91909	53.792	ug/l 100
8) Diethyl Ether	3.68	74	51182	51.869	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	100127	49.717	ug/l 100
10) Methyl Iodide	4.27	142	139357	48.937	ug/l 99
11) Tert butyl alcohol	5.21	59	26947	212.232	ug/l 98
12) 1,1-Dichloroethene	4.04	96	98171	50.061	ug/l 98
13) Acrolein	3.90	56	39160	252.023	ug/l 97
14) Allyl chloride	4.67	41	156345	49.141	ug/l 99
15) Acrylonitrile	5.37	53	96391	236.762	ug/l 98
16) Acetone	4.14	43	115520	271.672	ug/l 99
17) Carbon Disulfide	4.38	76	292717	51.863	ug/l 98
18) Methyl Acetate	4.68	43	42431	48.048	ug/l 99
19) Methyl tert-butyl Ether	5.43	73	145032	49.142	ug/l 98
20) Methylene Chloride	4.92	84	112625	54.799	ug/l 99
21) trans-1,2-Dichloroethene	5.42	96	111665	49.666	ug/l 99
22) Diisopropyl ether	6.31	45	312262	49.348	ug/l 96
23) Vinyl Acetate	6.26	43	941603	255.171	ug/l 99
24) 1,1-Dichloroethane	6.21	63	195948	49.194	ug/l 99
25) 2-Butanone	7.18	43	142944	248.730	ug/l 100
26) 2,2-Dichloropropane	7.17	77	128538	48.114	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	120082	49.649	ug/l 99
28) Bromochloromethane	7.51	49	75461	49.251	ug/l 97
29) Tetrahydrofuran	7.54	42	80457	238.239	ug/l 99
30) Chloroform	7.68	83	198985	48.711	ug/l 97
31) Cyclohexane	7.96	56	184724	47.943	ug/l 99
32) 1,1,1-Trichloroethane	7.87	97	173594	49.853	ug/l 98
36) 1,1-Dichloropropene	8.09	75	166078	51.474	ug/l 100
37) Ethyl Acetate	7.26	43	58670	47.624	ug/l 98
38) Carbon Tetrachloride	8.07	117	162880	52.078	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	203971	52.193	ug/l	99
40) Benzene	8.32	78	442965	50.492	ug/l	100
41) Methacrylonitrile	7.48	41	38106	53.895	ug/l #	88
42) 1,2-Dichloroethane	8.40	62	136659	50.352	ug/l	100
43) Isopropyl Acetate	8.43	43	120673	49.085	ug/l	100
44) Trichloroethene	9.09	130	115321	48.768	ug/l	98
45) 1,2-Dichloropropane	9.37	63	108329	50.517	ug/l	99
46) Dibromomethane	9.46	93	55664	50.170	ug/l	99
47) Bromodichloromethane	9.65	83	147233	50.874	ug/l	98
48) Methyl methacrylate	9.44	41	56342	50.128	ug/l	99
49) 1,4-Dioxane	9.47	88	14507	996.715	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	295746	249.452	ug/l	99
52) Toluene	10.39	92	291250	51.414	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	143273	51.245	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	169928	50.877	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	76659	49.694	ug/l	98
56) Ethyl methacrylate	10.65	69	98540	51.339	ug/l	96
57) 1,3-Dichloropropane	10.93	76	137426	50.251	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	258908	285.044	ug/l	100
59) 2-Hexanone	10.97	43	209566	259.641	ug/l	100
60) Dibromochloromethane	11.13	129	93510	52.018	ug/l	99
61) 1,2-Dibromoethane	11.24	107	74214	50.330	ug/l	99
64) Tetrachloroethene	10.87	164	98380	48.397	ug/l	97
65) Chlorobenzene	11.66	112	300154	49.200	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	108867	50.895	ug/l	99
67) Ethyl Benzene	11.73	91	576137	50.745	ug/l	100
68) m/p-Xylenes	11.84	106	440929	103.425	ug/l	100
69) o-Xylene	12.17	106	201013	51.280	ug/l	99
70) Styrene	12.18	104	348325	52.010	ug/l	99
71) Bromoform	12.35	173	51021	51.841	ug/l #	97
73) Isopropylbenzene	12.47	105	571171	49.929	ug/l	99
74) N-amyl acetate	12.27	43	118385	48.818	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	87932	48.048	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	64387m	47.071	ug/l	
77) Bromobenzene	12.75	156	123475	48.406	ug/l	98
78) n-propylbenzene	12.80	91	685564	49.788	ug/l	99
79) 2-Chlorotoluene	12.90	91	383949	49.522	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	489828	50.533	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	27041	49.818	ug/l	97
82) 4-Chlorotoluene	12.99	91	407771	49.714	ug/l	100
83) tert-Butylbenzene	13.21	119	409498	49.999	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	487164	50.396	ug/l	99
85) sec-Butylbenzene	13.38	105	592539	50.623	ug/l	100
86) p-Isopropyltoluene	13.50	119	546563	51.394	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	252988	49.961	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	249707	49.790	ug/l	95
89) n-Butylbenzene	13.82	91	526044	51.527	ug/l	99
90) Hexachloroethane	14.10	117	95508	50.465	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	216723	49.500	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14441	49.278	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	147292	50.944	ug/l	96
94) Hexachlorobutadiene	15.24	225	89262	48.462	ug/l	98
95) Naphthalene	15.37	128	240859	50.368	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	122278	49.122	ug/l	99

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

