

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090120\
 Data File : VW016437.D
 Acq On : 01 Sep 2020 17:29
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/2/2020 2:22:32 PM

Quant Time: Sep 02 09:17:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 15:01:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	148444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	231452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	210353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	105077	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	79138	53.26	ug/l	0.00
Spiked Amount			Recovery	=	106.52%	
35) Dibromofluoromethane	7.89	113	76109	51.95	ug/l	0.00
Spiked Amount			Recovery	=	103.90%	
50) Toluene-d8	10.33	98	288743	52.63	ug/l	0.00
Spiked Amount			Recovery	=	105.26%	
62) 4-Bromofluorobenzene	12.62	95	110079	53.51	ug/l	0.00
Spiked Amount			Recovery	=	107.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	49043	58.621	ug/l	96
3) Chloromethane	2.22	50	52243	64.911	ug/l	97
4) Vinyl Chloride	2.37	62	74883	63.835	ug/l	98
5) Bromomethane	2.78	94	61879	74.702	ug/l	92
6) Chloroethane	2.93	64	54047	77.402	ug/l	94
7) Trichlorofluoromethane	3.26	101	107000	75.442	ug/l	100
8) Diethyl Ether	3.68	74	34243	47.965	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.08	101	71690	51.784	ug/l	98
10) Methyl Iodide	4.28	142	108041	51.068	ug/l	99
11) Tert butyl alcohol	5.16	59	22568	251.369	ug/l	99
12) 1,1-Dichloroethene	4.04	96	69308	49.060	ug/l	97
13) Acrolein	3.90	56	11628	169.859	ug/l	98
14) Allyl chloride	4.67	41	80861	45.792	ug/l	93
15) Acrylonitrile	5.37	53	68925	259.308	ug/l	99
16) Acetone	4.12	43	61592	244.085	ug/l	99
17) Carbon Disulfide	4.39	76	186828	47.104	ug/l	98
18) Methyl Acetate	4.67	43	28885	50.200	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	103202	47.814	ug/l	97
20) Methylene Chloride	4.92	84	81450	51.376	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	77081	48.681	ug/l	98
22) Diisopropyl ether	6.31	45	168235	48.130	ug/l	99
23) Vinyl Acetate	6.26	43	534868	249.688	ug/l	99
24) 1,1-Dichloroethane	6.21	63	123688	49.080	ug/l	99
25) 2-Butanone	7.17	43	83179	242.953	ug/l	99
26) 2,2-Dichloropropane	7.17	77	82769	42.524	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	84682	49.363	ug/l	98
28) Bromochloromethane	7.51	49	46550	50.852	ug/l	97
29) Tetrahydrofuran	7.53	42	51958	254.224	ug/l	97
30) Chloroform	7.68	83	141224	50.447	ug/l	98
31) Cyclohexane	7.96	56	104480	45.235	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	126687	50.249	ug/l	100
36) 1,1-Dichloropropene	8.08	75	110019	49.948	ug/l	99
37) Ethyl Acetate	7.25	43	38888	52.115	ug/l	99
38) Carbon Tetrachloride	8.07	117	125456	51.979	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	135860	50.940	ug/l	99
40) Benzene	8.32	78	292276	49.563	ug/l	99
41) Methacrylonitrile	7.48	41	20802	48.417	ug/l	96
42) 1,2-Dichloroethane	8.40	62	92845	51.616	ug/l	99
43) Isopropyl Acetate	8.42	43	72523	48.702	ug/l	99
44) Trichloroethene	9.10	130	87254	49.450	ug/l	99
45) 1,2-Dichloropropane	9.37	63	65700	48.025	ug/l	98
46) Dibromomethane	9.46	93	41171	50.653	ug/l	98
47) Bromodichloromethane	9.65	83	106696	50.897	ug/l	99
48) Methyl methacrylate	9.44	41	35171	49.539	ug/l	97
49) 1,4-Dioxane	9.45	88	12770	1153.396	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	186642	253.480	ug/l	99
52) Toluene	10.39	92	201544	50.975	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	105758	51.876	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	120999	50.937	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	57322	49.463	ug/l	96
56) Ethyl methacrylate	10.65	69	70166	51.812	ug/l	98
57) 1,3-Dichloropropane	10.93	76	95859	49.782	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	157838	259.569	ug/l	99
59) 2-Hexanone	10.97	43	129981	258.748	ug/l	99
60) Dibromochloromethane	11.13	129	77858	53.133	ug/l	99
61) 1,2-Dibromoethane	11.24	107	59273	52.153	ug/l	100
64) Tetrachloroethene	10.87	164	73884	51.134	ug/l	97
65) Chlorobenzene	11.66	112	214922	49.610	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	84181	52.478	ug/l	98
67) Ethyl Benzene	11.73	91	397208	51.357	ug/l	99
68) m/p-Xylenes	11.84	106	306960	103.953	ug/l	97
69) o-Xylene	12.17	106	138798	51.114	ug/l	98
70) Styrene	12.18	104	241349	52.151	ug/l	98
71) Bromoform	12.35	173	43563	53.370	ug/l #	97
73) Isopropylbenzene	12.47	105	406521	52.468	ug/l	100
74) N-amyl acetate	12.27	43	68771	50.720	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	63853	50.062	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	45755m	49.244	ug/l	
77) Bromobenzene	12.75	156	90169	50.061	ug/l	98
78) n-propylbenzene	12.80	91	465766	51.208	ug/l	99
79) 2-Chlorotoluene	12.90	91	271404	50.668	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	356285	52.429	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	20945	50.048	ug/l	96
82) 4-Chlorotoluene	12.99	91	283029	50.539	ug/l	98
83) tert-Butylbenzene	13.21	119	300137	52.571	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	360467	53.182	ug/l	97
85) sec-Butylbenzene	13.38	105	420985	53.254	ug/l	100
86) p-Isopropyltoluene	13.50	119	397823	53.907	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	182899	52.901	ug/l	95
88) 1,4-Dichlorobenzene	13.58	146	176096	50.624	ug/l	100
89) n-Butylbenzene	13.82	91	355849	52.520	ug/l	99
90) Hexachloroethane	14.10	117	73741	53.218	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	154837	49.996	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12553	54.144	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	112788	54.860	ug/l	96
94) Hexachlorobutadiene	15.24	225	67537	55.024	ug/l	99
95) Naphthalene	15.36	128	213548	56.130	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	97374	54.055	ug/l	100

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

