

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082820\
 Data File : VW016399.D
 Acq On : 28 Aug 2020 13:44
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/31/2020 11:59:48 AM

Quant Time: Aug 28 14:36:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 14:25:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	190725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	295913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	268096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	132579	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	95525	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
35) Dibromofluoromethane	7.88	113	92707	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
50) Toluene-d8	10.32	98	353942	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	12.62	95	131064	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	54621	42.491	ug/l	100
3) Chloromethane	2.21	50	47045	35.302	ug/l	100
4) Vinyl Chloride	2.36	62	71199	38.045	ug/l	100
5) Bromomethane	2.78	94	50315	42.493	ug/l	100
6) Chloroethane	2.92	64	42866	40.309	ug/l	100
7) Trichlorofluoromethane	3.26	101	87513	54.249	ug/l	100
8) Diethyl Ether	3.68	74	44963	46.218	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	87259	43.073	ug/l	100
10) Methyl Iodide	4.28	142	136295	46.139	ug/l	100
11) Tert butyl alcohol	5.21	59	29088	286.435	ug/l	100
12) 1,1-Dichloroethene	4.04	96	89130	43.266	ug/l	100
13) Acrolein	3.90	56	21489	160.753	ug/l	100
14) Allyl chloride	4.67	41	113332	41.538	ug/l	100
15) Acrylonitrile	5.37	53	87267	240.202	ug/l	100
16) Acetone	4.14	43	76277	223.944	ug/l	100
17) Carbon Disulfide	4.38	76	251203	41.805	ug/l	100
18) Methyl Acetate	4.67	43	36611	44.970	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	141612	54.602	ug/l	100
20) Methylene Chloride	4.92	84	100301	38.073	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	100424	44.715	ug/l	100
22) Diisopropyl ether	6.31	45	225948	43.860	ug/l	100
23) Vinyl Acetate	6.26	43	710184	239.932	ug/l	100
24) 1,1-Dichloroethane	6.22	63	157047	43.301	ug/l	100
25) 2-Butanone	7.18	43	106151	229.351	ug/l	100
26) 2,2-Dichloropropane	7.16	77	115081	47.970	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	108123	46.329	ug/l	100
28) Bromochloromethane	7.51	49	60880	44.834	ug/l	100
29) Tetrahydrofuran	7.54	42	66343	238.415	ug/l	100
30) Chloroform	7.68	83	180296	47.120	ug/l	100
31) Cyclohexane	7.96	56	136477	41.008	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	159632	49.295	ug/l	100
36) 1,1-Dichloropropene	8.09	75	139651	47.899	ug/l	100
37) Ethyl Acetate	7.26	43	49685	50.312	ug/l	100
38) Carbon Tetrachloride	8.07	117	152617	51.570	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	171382	48.916	ug/l	100
40) Benzene	8.32	78	375656	46.085	ug/l	100
41) Methacrylonitrile	7.48	41	28068	49.974	ug/l	100
42) 1,2-Dichloroethane	8.40	62	115378	52.567	ug/l	100
43) Isopropyl Acetate	8.43	43	96836	51.706	ug/l	100
44) Trichloroethene	9.10	130	112099	48.013	ug/l	100
45) 1,2-Dichloropropane	9.37	63	86602	45.349	ug/l	100
46) Dibromomethane	9.46	93	52240	51.222	ug/l	100
47) Bromodichloromethane	9.65	83	135119	51.017	ug/l	100
48) Methyl methacrylate	9.44	41	45480	52.380	ug/l	100
49) 1,4-Dioxane	9.47	88	14486	1133.566	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	240283	255.454	ug/l	100
52) Toluene	10.39	92	251954	48.155	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	134482	54.670	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	153669	50.854	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	74086	50.542	ug/l	100
56) Ethyl methacrylate	10.65	69	91147	54.976	ug/l	100
57) 1,3-Dichloropropane	10.93	76	124491	50.224	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	199782	264.182	ug/l	100
59) 2-Hexanone	10.97	43	167464	261.220	ug/l	100
60) Dibromochloromethane	11.13	129	96335	54.584	ug/l	100
61) 1,2-Dibromoethane	11.24	107	73764	52.249	ug/l	100
64) Tetrachloroethene	10.87	164	93665	52.191	ug/l	100
65) Chlorobenzene	11.66	112	274103	49.325	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	103613	52.922	ug/l	100
67) Ethyl Benzene	11.73	91	501796	50.473	ug/l	100
68) m/p-Xylenes	11.84	106	379532	99.381	ug/l	100
69) o-Xylene	12.17	106	174140	51.167	ug/l	100
70) Styrene	12.18	104	305040	51.767	ug/l	100
71) Bromoform	12.35	173	53502	60.032	ug/l #	100
73) Isopropylbenzene	12.46	105	501849	49.634	ug/l	100
74) N-amyl acetate	12.27	43	89587	50.161	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	81741	48.798	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	59909m	49.439	ug/l	
77) Bromobenzene	12.75	156	113790	50.398	ug/l	100
78) n-propylbenzene	12.80	91	582244	48.425	ug/l	100
79) 2-Chlorotoluene	12.90	91	337729	48.503	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	441244	50.611	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	26652	52.655	ug/l	100
82) 4-Chlorotoluene	12.99	91	349218	48.283	ug/l	100
83) tert-Butylbenzene	13.21	119	365433	51.249	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	430094	50.114	ug/l	100
85) sec-Butylbenzene	13.38	105	503706	48.892	ug/l	100
86) p-Isopropyltoluene	13.50	119	480235	51.159	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	208447	46.919	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	215490	48.723	ug/l	100
89) n-Butylbenzene	13.82	91	433218	50.133	ug/l	100
90) Hexachloroethane	14.10	117	86787	49.498	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	191297	48.833	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14990	56.801	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	130299	55.038	ug/l	100
94) Hexachlorobutadiene	15.24	225	78988	55.126	ug/l	100
95) Naphthalene	15.37	128	258693	59.749	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	114676	56.494	ug/l	100

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

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