

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060220\
 Data File : VW015526.D
 Acq On : 02 Jun 2020 14:07
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW062220

Manual Integrations
 APPROVED

MMDadoda
 6/2/2020 4:00:23 PM

Quant Time: Jun 02 15:31:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060220S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 02 13:57:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	241951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	376737	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	173410	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	121769	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
35) Dibromofluoromethane	7.88	113	112126	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
50) Toluene-d8	10.32	98	446758	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.62	95	166062	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	75693	56.002	ug/l	99
3) Chloromethane	2.22	50	84564	50.905	ug/l	99
4) Vinyl Chloride	2.37	62	137457	53.093	ug/l	99
5) Bromomethane	2.79	94	90597	49.637	ug/l	98
6) Chloroethane	2.93	64	86423	51.568	ug/l	96
7) Trichlorofluoromethane	3.26	101	106334	55.037	ug/l	98
8) Diethyl Ether	3.68	74	59794	51.029	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	121119	51.526	ug/l	99
10) Methyl Iodide	4.26	142	176114	50.743	ug/l	99
11) Tert butyl alcohol	5.17	59	46135	272.413	ug/l	99
12) 1,1-Dichloroethene	4.04	96	121100	51.766	ug/l	99
13) Acrolein	3.89	56	37529	240.410	ug/l	99
14) Allyl chloride	4.67	41	202047	50.778	ug/l	99
15) Acrylonitrile	5.37	53	118024	243.597	ug/l	99
16) Acetone	4.12	43	141675	246.202	ug/l	100
17) Carbon Disulfide	4.38	76	363110	51.970	ug/l	100
18) Methyl Acetate	4.67	43	52288	45.594	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	188146	51.825	ug/l	99
20) Methylene Chloride	4.91	84	123393	46.099	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	133759	50.536	ug/l	100
22) Diisopropyl ether	6.31	45	383327	50.981	ug/l	99
23) Vinyl Acetate	6.26	43	1126674	252.724	ug/l	99
24) 1,1-Dichloroethane	6.21	63	235134	49.631	ug/l	99
25) 2-Butanone	7.17	43	162973	237.448	ug/l	99
26) 2,2-Dichloropropane	7.17	77	159917	48.060	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	143353	49.789	ug/l	98
28) Bromochloromethane	7.51	49	85983	48.359	ug/l	98
29) Tetrahydrofuran	7.53	42	97256	239.011	ug/l	100
30) Chloroform	7.68	83	234863	49.383	ug/l	98
31) Cyclohexane	7.96	56	224829	48.596	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	207196	50.441	ug/l	99
36) 1,1-Dichloropropene	8.08	75	194156	50.936	ug/l	100
37) Ethyl Acetate	7.25	43	71686	48.458	ug/l	99
38) Carbon Tetrachloride	8.07	117	191442	51.297	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	246182	52.370	ug/l	97
40) Benzene	8.32	78	521846	50.733	ug/l	99
41) Methacrylonitrile	7.48	41	41068	48.331	ug/l	92
42) 1,2-Dichloroethane	8.40	62	156835	49.956	ug/l	100
43) Isopropyl Acetate	8.42	43	144414	49.139	ug/l	99
44) Trichloroethene	9.09	130	139623	50.868	ug/l	97
45) 1,2-Dichloropropane	9.37	63	126936	50.588	ug/l	98
46) Dibromomethane	9.46	93	63824	49.825	ug/l	100
47) Bromodichloromethane	9.65	83	176851	51.021	ug/l	100
48) Methyl methacrylate	9.44	41	68324	50.860	ug/l	99
49) 1,4-Dioxane	9.45	88	19102	890.963	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	349127	250.035	ug/l	99
52) Toluene	10.39	92	342596	51.634	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	175435	51.346	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	208689	51.833	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	88765	49.643	ug/l	98
56) Ethyl methacrylate	10.65	69	118237	50.838	ug/l	98
57) 1,3-Dichloropropane	10.93	76	158927	50.193	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	282430	253.973	ug/l	99
59) 2-Hexanone	10.97	43	244310	252.955	ug/l	100
60) Dibromochloromethane	11.13	129	110709	50.743	ug/l	99
61) 1,2-Dibromoethane	11.24	107	87384	51.066	ug/l	100
64) Tetrachloroethene	10.87	164	114953	50.041	ug/l	91
65) Chlorobenzene	11.66	112	355574	50.878	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	128148	51.308	ug/l	98
67) Ethyl Benzene	11.73	91	680168	51.724	ug/l	99
68) m/p-Xylenes	11.84	106	515259	104.870	ug/l	99
69) o-Xylene	12.17	106	237256	51.837	ug/l	99
70) Styrene	12.18	104	410052	52.454	ug/l	99
71) Bromoform	12.35	173	60191	50.139	ug/l #	100
73) Isopropylbenzene	12.46	105	672159	50.696	ug/l	99
74) N-amyl acetate	12.27	43	141221	49.622	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	99670	48.786	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	74040m	50.632	ug/l	
77) Bromobenzene	12.75	156	141238	49.332	ug/l	100
78) n-propylbenzene	12.80	91	805172	50.830	ug/l	99
79) 2-Chlorotoluene	12.90	91	453241	50.409	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	571384	51.138	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	34096	50.223	ug/l	100
82) 4-Chlorotoluene	12.99	91	476462	51.327	ug/l	99
83) tert-Butylbenzene	13.21	119	494834	51.893	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	565177	50.617	ug/l	100
85) sec-Butylbenzene	13.38	105	694208	51.587	ug/l	100
86) p-Isopropyltoluene	13.50	119	637210	51.695	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	288852	50.856	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	289441	51.149	ug/l	99
89) n-Butylbenzene	13.82	91	609599	51.519	ug/l	99
90) Hexachloroethane	14.09	117	115120	50.770	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	246553	49.718	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17025	48.336	ug/l	99

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93) 1,2,4-Trichlorobenzene	15.13	180	173572	50.951	ug/l	98
94) Hexachlorobutadiene	15.24	225	106548	51.288	ug/l	98
95) Naphthalene	15.37	128	295040	51.209	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	146554	51.072	ug/l	99

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

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