

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101020\
 Data File : VW016864.D
 Acq On : 09 Oct 2020 16:57
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW101020

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 4:20:44 PM

Quant Time: Oct 12 14:43:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 05:14:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	384047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	559371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	497556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	255313	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	167358	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
35) Dibromofluoromethane	7.88	113	179003	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
50) Toluene-d8	10.32	98	668076	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
62) 4-Bromofluorobenzene	12.62	95	239968	54.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	102766	55.107	ug/l	99
3) Chloromethane	2.22	50	117671	51.234	ug/l	95
4) Vinyl Chloride	2.37	62	167026	50.289	ug/l	100
5) Bromomethane	2.79	94	131173	51.424	ug/l	99
6) Chloroethane	2.93	64	110942	52.489	ug/l	98
7) Trichlorofluoromethane	3.26	101	129041	53.365	ug/l	94
8) Diethyl Ether	3.68	74	82097	54.358	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	168222	51.666	ug/l	99
10) Methyl Iodide	4.28	142	277481	53.308	ug/l	98
11) Tert butyl alcohol	5.21	59	44699	292.791	ug/l #	85
12) 1,1-Dichloroethene	4.05	96	168551	52.445	ug/l	98
13) Acrolein	3.90	56	56098	271.803	ug/l	97
14) Allyl chloride	4.67	41	206579	53.698	ug/l	100
15) Acrylonitrile	5.37	53	142407	283.265	ug/l	99
16) Acetone	4.14	43	132197	261.289	ug/l	96
17) Carbon Disulfide	4.39	76	446328	52.198	ug/l	99
18) Methyl Acetate	4.68	43	64540	55.617	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	195792	56.524	ug/l	98
20) Methylene Chloride	4.92	84	182512	55.134	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	189273	52.460	ug/l	97
22) Diisopropyl ether	6.31	45	378861	54.186	ug/l	95
23) Vinyl Acetate	6.26	43	1284310	286.664	ug/l	99
24) 1,1-Dichloroethane	6.22	63	293262	52.895	ug/l	99
25) 2-Butanone	7.18	43	191802	284.362	ug/l	98
26) 2,2-Dichloropropane	7.17	77	175627	51.776	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	203671	52.706	ug/l	99
28) Bromochloromethane	7.52	49	120934	54.501	ug/l #	2
29) Tetrahydrofuran	7.54	42	109382	289.520	ug/l	99
30) Chloroform	7.68	83	318183	52.791	ug/l	98
31) Cyclohexane	7.96	56	230236	48.686	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	270229	53.154	ug/l	100
36) 1,1-Dichloropropene	8.09	75	248686	51.432	ug/l	100
37) Ethyl Acetate	7.26	43	88197	55.824	ug/l	99
38) Carbon Tetrachloride	8.07	117	264649	52.636	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	292622	53.064	ug/l	98
40) Benzene	8.33	78	698272	51.824	ug/l	98
41) Methacrylonitrile	7.49	41	55442	59.219	ug/l	92
42) 1,2-Dichloroethane	8.40	62	198220	53.783	ug/l	99
43) Isopropyl Acetate	8.43	43	174252	57.573	ug/l	99
44) Trichloroethene	9.09	130	216194	51.840	ug/l	100
45) 1,2-Dichloropropane	9.37	63	161332	52.506	ug/l	100
46) Dibromomethane	9.46	93	95089	54.106	ug/l	98
47) Bromodichloromethane	9.65	83	237138	54.267	ug/l	98
48) Methyl methacrylate	9.44	41	81511	58.442	ug/l	97
49) 1,4-Dioxane	9.47	88	23152	1145.271	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	433341	283.015	ug/l	100
52) Toluene	10.39	92	465666	52.282	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	226781	57.007	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	264795	54.495	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	132824	53.096	ug/l	98
56) Ethyl methacrylate	10.65	69	157999	58.059	ug/l	100
57) 1,3-Dichloropropane	10.93	76	223056	53.895	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	413489	274.191	ug/l	99
59) 2-Hexanone	10.97	43	294376	290.576	ug/l	98
60) Dibromochloromethane	11.13	129	167703	54.657	ug/l	99
61) 1,2-Dibromoethane	11.24	107	135126	54.544	ug/l	100
64) Tetrachloroethene	10.87	164	178357	50.314	ug/l	93
65) Chlorobenzene	11.66	112	516866	52.961	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	189975	55.044	ug/l	98
67) Ethyl Benzene	11.73	91	912091	53.633	ug/l	99
68) m/p-Xylenes	11.84	106	712061	107.658	ug/l	98
69) o-Xylene	12.17	106	333447	54.937	ug/l	99
70) Styrene	12.18	104	563808	55.813	ug/l	100
71) Bromoform	12.35	173	100555	58.034	ug/l #	98
73) Isopropylbenzene	12.46	105	921120	54.280	ug/l	100
74) N-amyl acetate	12.27	43	161709	59.326	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	147737	55.486	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	102588m	53.850	ug/l	
77) Bromobenzene	12.75	156	222149	52.958	ug/l	97
78) n-propylbenzene	12.80	91	1058068	54.065	ug/l	100
79) 2-Chlorotoluene	12.90	91	603034	54.016	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	779400	54.804	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	42562	60.052	ug/l	99
82) 4-Chlorotoluene	12.99	91	626460	54.357	ug/l	99
83) tert-Butylbenzene	13.21	119	678615	54.941	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	776758	54.814	ug/l	100
85) sec-Butylbenzene	13.38	105	929860	54.084	ug/l	99
86) p-Isopropyltoluene	13.50	119	888325	55.487	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	438108	54.008	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	424031	53.045	ug/l	100
89) n-Butylbenzene	13.82	91	788280	54.656	ug/l	98
90) Hexachloroethane	14.10	117	138444	56.043	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	393819	56.268	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23756	58.261	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	281694	58.331	ug/l	100
94) Hexachlorobutadiene	15.24	225	167240	53.422	ug/l	98
95) Naphthalene	15.37	128	488516	62.242	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	244931	58.300	ug/l	98

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

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