

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101020\
 Data File : VW016866.D
 Acq On : 09 Oct 2020 18:08
 Operator : SY/VA
 Sample : VW1010SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 4:20:46 PM

Quant Time: Oct 12 14:45:25 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	7.96	168	391673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	577579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	524874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	259120	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	165532	51.96	ug/l	0.00
Spiked Amount						
			Recovery	=	103.92%	
35) Dibromofluoromethane	7.88	113	180933	51.11	ug/l	0.00
Spiked Amount						
			Recovery	=	102.22%	
50) Toluene-d8	10.33	98	687848	51.82	ug/l	0.00
Spiked Amount						
			Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.62	95	242259	52.93	ug/l	0.00
Spiked Amount						
			Recovery	=	105.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	49478	23.734	ug/l	99
3) Chloromethane	2.21	50	50804	21.689	ug/l	99
4) Vinyl Chloride	2.37	62	72117	21.291	ug/l	98
5) Bromomethane	2.78	94	55060	21.165	ug/l	99
6) Chloroethane	2.93	64	45821	21.257	ug/l	99
7) Trichlorofluoromethane	3.26	101	47710	19.346	ug/l	99
8) Diethyl Ether	3.68	74	32201	20.906	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	68582	20.653	ug/l	99
10) Methyl Iodide	4.28	142	113469	21.374	ug/l	98
11) Tert butyl alcohol	5.17	59	18873	121.216	ug/l #	89
12) 1,1-Dichloroethene	4.05	96	68106	20.779	ug/l	96
13) Acrolein	3.90	56	23025	109.388	ug/l	100
14) Allyl chloride	4.67	41	81741	20.834	ug/l	98
15) Acrylonitrile	5.37	53	52658	102.704	ug/l	97
16) Acetone	4.12	43	49579	96.086	ug/l	99
17) Carbon Disulfide	4.39	76	180677	20.719	ug/l	100
18) Methyl Acetate	4.67	43	25134	21.237	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	77170	21.845	ug/l	99
20) Methylene Chloride	4.92	84	79900	20.294	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	77465	21.053	ug/l	99
22) Diisopropyl ether	6.32	45	154621	21.684	ug/l	98
23) Vinyl Acetate	6.26	43	478892	104.810	ug/l	100
24) 1,1-Dichloroethane	6.22	63	118770	21.005	ug/l	98
25) 2-Butanone	7.18	43	72482	105.368	ug/l	98
26) 2,2-Dichloropropane	7.17	77	70707	20.439	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	82704	20.986	ug/l	99
28) Bromochloromethane	7.52	49	44947	19.862	ug/l	99
29) Tetrahydrofuran	7.53	42	42199	109.520	ug/l	98
30) Chloroform	7.68	83	128904	20.970	ug/l	99
31) Cyclohexane	7.96	56	97343	20.183	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	107728	20.777	ug/l	99
36) 1,1-Dichloropropene	8.09	75	100880	20.206	ug/l	99
37) Ethyl Acetate	7.25	43	34793	21.328	ug/l	99
38) Carbon Tetrachloride	8.07	117	103143	19.867	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	114544	20.117	ug/l	98
40) Benzene	8.33	78	286697	20.607	ug/l	99
41) Methacrylonitrile	7.49	41	21473	22.213	ug/l	87
42) 1,2-Dichloroethane	8.40	62	79024	20.765	ug/l	99
43) Isopropyl Acetate	8.43	43	62934	20.138	ug/l	98
44) Trichloroethene	9.09	130	86766	20.149	ug/l	96
45) 1,2-Dichloropropane	9.37	63	64198	20.235	ug/l	99
46) Dibromomethane	9.46	93	37063	20.424	ug/l	98
47) Bromodichloromethane	9.65	83	93632	20.752	ug/l	97
48) Methyl methacrylate	9.44	41	29298	20.344	ug/l	97
49) 1,4-Dioxane	9.45	88	8964	429.448	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	160383	101.444	ug/l	99
52) Toluene	10.39	92	190494	20.713	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	81623	19.871	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	101934	20.317	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	52610	20.368	ug/l	99
56) Ethyl methacrylate	10.65	69	56671	20.168	ug/l	99
57) 1,3-Dichloropropane	10.93	76	87547	20.486	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	153248	98.418	ug/l	99
59) 2-Hexanone	10.97	43	105356	100.718	ug/l	99
60) Dibromochloromethane	11.13	129	63165	19.937	ug/l	99
61) 1,2-Dibromoethane	11.24	107	51942	20.306	ug/l	99
64) Tetrachloroethene	10.87	164	74780	19.997	ug/l	91
65) Chlorobenzene	11.66	112	209980	20.396	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	74018	20.330	ug/l	99
67) Ethyl Benzene	11.73	91	363087	20.239	ug/l	100
68) m/p-Xylenes	11.84	106	285842	40.968	ug/l	100
69) o-Xylene	12.16	106	133599	20.866	ug/l	99
70) Styrene	12.18	104	220959	20.735	ug/l	99
71) Bromoform	12.35	173	34646	18.955	ug/l #	100
73) Isopropylbenzene	12.47	105	365697	21.233	ug/l	99
74) N-amyl acetate	12.27	43	57240	20.691	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	55120	20.398	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	39440m	20.399	ug/l	
77) Bromobenzene	12.75	156	89711	21.072	ug/l	98
78) n-propylbenzene	12.80	91	421334	21.213	ug/l	99
79) 2-Chlorotoluene	12.90	91	243857	21.522	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	313925	21.750	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13881	19.297	ug/l	96
82) 4-Chlorotoluene	12.99	91	250261	21.396	ug/l	99
83) tert-Butylbenzene	13.21	119	266370	21.249	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	310927	21.619	ug/l	100
85) sec-Butylbenzene	13.38	105	374061	21.437	ug/l	100
86) p-Isopropyltoluene	13.50	119	345320	21.253	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	175575	21.326	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	172241	21.230	ug/l	99
89) n-Butylbenzene	13.82	91	309503	21.144	ug/l	98
90) Hexachloroethane	14.10	117	52073	20.770	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	154996	21.820	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8523	20.595	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	108824	22.203	ug/l	99
94) Hexachlorobutadiene	15.24	225	67115	21.124	ug/l	98
95) Naphthalene	15.37	128	171807	21.569	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	91923	21.559	ug/l	99

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

