

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101320\
 Data File : VW016884.D
 Acq On : 12 Oct 2020 16:14
 Operator : SY/VA
 Sample : VW1013SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

Quant Time: Oct 12 23:27:47 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	400207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	582336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	525762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	268814	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	167364	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
35) Dibromofluoromethane	7.88	113	180103	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	10.32	98	674400	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.62	95	241528	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	47294	21.923	ug/l	99
3) Chloromethane	2.21	50	44181	18.460	ug/l	97
4) Vinyl Chloride	2.37	62	70416	20.345	ug/l	96
5) Bromomethane	2.78	94	53682	20.195	ug/l	96
6) Chloroethane	2.92	64	44648	20.271	ug/l	98
7) Trichlorofluoromethane	3.26	101	41898	16.627	ug/l	94
8) Diethyl Ether	3.68	74	32578	20.699	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	68701	20.248	ug/l	99
10) Methyl Iodide	4.28	142	110439	20.360	ug/l	99
11) Tert butyl alcohol	5.17	59	21039	132.247	ug/l	100
12) 1,1-Dichloroethene	4.04	96	68674	20.505	ug/l	97
13) Acrolein	3.89	56	22090	102.708	ug/l	99
14) Allyl chloride	4.67	41	81269	20.272	ug/l	100
15) Acrylonitrile	5.37	53	56897	108.605	ug/l	98
16) Acetone	4.13	43	51764	98.181	ug/l	96
17) Carbon Disulfide	4.39	76	180152	20.218	ug/l	99
18) Methyl Acetate	4.68	43	27188	22.483	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	76977	21.326	ug/l	99
20) Methylene Chloride	4.92	84	76353	18.597	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	78723	20.938	ug/l	97
22) Diisopropyl ether	6.32	45	154103	21.150	ug/l	98
23) Vinyl Acetate	6.26	43	501781	107.477	ug/l	99
24) 1,1-Dichloroethane	6.22	63	119241	20.639	ug/l	99
25) 2-Butanone	7.17	43	77710	110.559	ug/l	100
26) 2,2-Dichloropropane	7.17	77	71758	20.301	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	84634	21.017	ug/l	99
28) Bromochloromethane	7.51	49	47235	20.428	ug/l	99
29) Tetrahydrofuran	7.53	42	45134	114.640	ug/l	99
30) Chloroform	7.68	83	129913	20.684	ug/l	98
31) Cyclohexane	7.96	56	97882	19.862	ug/l #	92
32) 1,1,1-Trichloroethane	7.87	97	106853	20.169	ug/l	100
36) 1,1-Dichloropropene	8.09	75	102327	20.328	ug/l	100
37) Ethyl Acetate	7.26	43	35780	21.754	ug/l	98
38) Carbon Tetrachloride	8.07	117	105903	20.232	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	115255	20.076	ug/l	95
40) Benzene	8.33	78	289512	20.640	ug/l	99
41) Methacrylonitrile	7.49	41	20720	21.259	ug/l	94
42) 1,2-Dichloroethane	8.40	62	81463	21.231	ug/l	99
43) Isopropyl Acetate	8.43	43	67953	21.566	ug/l	99
44) Trichloroethene	9.10	130	86264	19.869	ug/l	99
45) 1,2-Dichloropropane	9.37	63	65455	20.463	ug/l	99
46) Dibromomethane	9.46	93	37978	20.757	ug/l	97
47) Bromodichloromethane	9.65	83	96663	21.248	ug/l	96
48) Methyl methacrylate	9.44	41	31032	21.372	ug/l	99
49) 1,4-Dioxane	9.46	88	9247	439.387	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	170990	107.270	ug/l	100
52) Toluene	10.39	92	191110	20.611	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	85785	20.714	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	106556	21.064	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	54698	21.003	ug/l	96
56) Ethyl methacrylate	10.65	69	61697	21.777	ug/l	98
57) 1,3-Dichloropropane	10.93	76	89810	20.844	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	166839	106.271	ug/l	98
59) 2-Hexanone	10.97	43	112653	106.814	ug/l	98
60) Dibromochloromethane	11.13	129	66237	20.736	ug/l	100
61) 1,2-Dibromoethane	11.24	107	54715	21.215	ug/l	99
64) Tetrachloroethene	10.87	164	75317	20.107	ug/l	96
65) Chlorobenzene	11.66	112	213026	20.657	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	75362	20.664	ug/l	99
67) Ethyl Benzene	11.73	91	361932	20.141	ug/l	100
68) m/p-Xylenes	11.84	106	287851	41.186	ug/l	97
69) o-Xylene	12.17	106	134177	20.921	ug/l	98
70) Styrene	12.18	104	221321	20.734	ug/l	99
71) Bromoform	12.35	173	37890	20.695	ug/l #	100
73) Isopropylbenzene	12.47	105	363786	20.361	ug/l	100
74) N-amyl acetate	12.27	43	61407	21.397	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	59593	21.258	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	41140m	20.511	ug/l	
77) Bromobenzene	12.75	156	91733	20.770	ug/l	99
78) n-propylbenzene	12.80	91	428920	20.816	ug/l	99
79) 2-Chlorotoluene	12.90	91	244223	20.777	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	307249	20.519	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	15606	20.913	ug/l	94
82) 4-Chlorotoluene	12.99	91	250663	20.657	ug/l	100
83) tert-Butylbenzene	13.21	119	267454	20.566	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	314485	21.078	ug/l	99
85) sec-Butylbenzene	13.38	105	370381	20.461	ug/l	100
86) p-Isopropyltoluene	13.50	119	348563	20.679	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	176633	20.681	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	174147	20.691	ug/l	98
89) n-Butylbenzene	13.82	91	306393	20.177	ug/l	99
90) Hexachloroethane	14.10	117	53431	20.543	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	153454	20.824	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9361	21.805	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	111631	21.955	ug/l	94
94) Hexachlorobutadiene	15.24	225	69692	21.144	ug/l	94
95) Naphthalene	15.37	128	180031	21.786	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	94447	21.352	ug/l	98

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

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