

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101320\
 Data File : VW016883.D
 Acq On : 12 Oct 2020 15:50
 Operator : SY/VA
 Sample : VW1013SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

Quant Time: Oct 12 23:26:05 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	406589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	588524	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	519056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	271938	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	164614	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
35) Dibromofluoromethane	7.88	113	178491	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	
50) Toluene-d8	10.32	98	671290	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.62	95	233563	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	49632	22.788	ug/l	98
3) Chloromethane	2.21	50	48138	19.797	ug/l	97
4) Vinyl Chloride	2.37	62	75206	21.388	ug/l	99
5) Bromomethane	2.78	94	54836	20.306	ug/l	99
6) Chloroethane	2.92	64	46118	20.610	ug/l	97
7) Trichlorofluoromethane	3.26	101	42310	16.527	ug/l	98
8) Diethyl Ether	3.68	74	32886	20.567	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	70978	20.591	ug/l	98
10) Methyl Iodide	4.28	142	115767	21.007	ug/l	99
11) Tert butyl alcohol	5.18	59	19891	123.068	ug/l	97
12) 1,1-Dichloroethene	4.04	96	70662	20.768	ug/l	93
13) Acrolein	3.89	56	21404	97.956	ug/l	99
14) Allyl chloride	4.67	41	85677	21.036	ug/l	99
15) Acrylonitrile	5.37	53	55405	104.097	ug/l	100
16) Acetone	4.12	43	49755	92.889	ug/l	95
17) Carbon Disulfide	4.39	76	188984	20.876	ug/l	97
18) Methyl Acetate	4.67	43	24911	20.277	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	75403	20.562	ug/l	99
20) Methylene Chloride	4.92	84	78776	18.977	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	81360	21.300	ug/l	97
22) Diisopropyl ether	6.31	45	159450	21.541	ug/l	98
23) Vinyl Acetate	6.26	43	500793	105.582	ug/l	99
24) 1,1-Dichloroethane	6.21	63	126739	21.592	ug/l	100
25) 2-Butanone	7.17	43	74577	104.436	ug/l	96
26) 2,2-Dichloropropane	7.17	77	74208	20.664	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	87628	21.419	ug/l	99
28) Bromochloromethane	7.51	49	46657	19.861	ug/l	99
29) Tetrahydrofuran	7.53	42	42179	105.453	ug/l	99
30) Chloroform	7.68	83	136896	21.454	ug/l	99
31) Cyclohexane	7.95	56	103534	20.679	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	112118	20.831	ug/l	98
36) 1,1-Dichloropropene	8.08	75	106312	20.898	ug/l	99
37) Ethyl Acetate	7.26	43	34010	20.460	ug/l	99
38) Carbon Tetrachloride	8.07	117	108924	20.591	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	119181	20.542	ug/l	95
40) Benzene	8.32	78	303336	21.398	ug/l	98
41) Methacrylonitrile	7.48	41	19028	19.318	ug/l	96
42) 1,2-Dichloroethane	8.40	62	83758	21.600	ug/l	99
43) Isopropyl Acetate	8.42	43	66887	21.005	ug/l	99
44) Trichloroethene	9.09	130	91938	20.953	ug/l	99
45) 1,2-Dichloropropane	9.37	63	68386	21.154	ug/l	99
46) Dibromomethane	9.46	93	38496	20.819	ug/l	97
47) Bromodichloromethane	9.65	83	97164	21.134	ug/l	99
48) Methyl methacrylate	9.43	41	30496	20.782	ug/l	97
49) 1,4-Dioxane	9.46	88	9132	429.360	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	163377	101.416	ug/l	99
52) Toluene	10.38	92	199910	21.333	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	88423	21.126	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	109615	21.441	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	54299	20.631	ug/l	97
56) Ethyl methacrylate	10.65	69	59248	20.693	ug/l	100
57) 1,3-Dichloropropane	10.93	76	92151	21.163	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	156080	98.372	ug/l	99
59) 2-Hexanone	10.97	43	108907	102.176	ug/l	99
60) Dibromochloromethane	11.13	129	69860	21.641	ug/l	97
61) 1,2-Dibromoethane	11.23	107	54156	20.777	ug/l	99
64) Tetrachloroethene	10.87	164	80000	21.633	ug/l	99
65) Chlorobenzene	11.66	112	221093	21.716	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	77152	21.428	ug/l	98
67) Ethyl Benzene	11.73	91	385942	21.754	ug/l	100
68) m/p-Xylenes	11.84	106	300754	43.588	ug/l	99
69) o-Xylene	12.16	106	139940	22.101	ug/l	99
70) Styrene	12.18	104	231146	21.934	ug/l	99
71) Bromoform	12.35	173	37625	20.815	ug/l #	97
73) Isopropylbenzene	12.46	105	384627	21.280	ug/l	100
74) N-amyl acetate	12.27	43	59524	20.502	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	58071	20.477	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	38421m	18.935	ug/l	
77) Bromobenzene	12.75	156	96055	21.499	ug/l	99
78) n-propylbenzene	12.80	91	443529	21.278	ug/l	100
79) 2-Chlorotoluene	12.89	91	252165	21.206	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	323928	21.385	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15739	20.849	ug/l	97
82) 4-Chlorotoluene	12.99	91	259556	21.145	ug/l	99
83) tert-Butylbenzene	13.21	119	276847	21.043	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	321151	21.277	ug/l	99
85) sec-Butylbenzene	13.38	105	385471	21.050	ug/l	99
86) p-Isopropyltoluene	13.50	119	362733	21.272	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	180590	20.901	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	178027	20.909	ug/l	98
89) n-Butylbenzene	13.82	91	321725	20.943	ug/l	99
90) Hexachloroethane	14.09	117	55841	21.223	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	157740	21.160	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8830	20.332	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	106070	20.621	ug/l	99
94) Hexachlorobutadiene	15.23	225	69623	20.880	ug/l	98
95) Naphthalene	15.37	128	171314	20.493	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	93250	20.839	ug/l	99

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

