

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061319\
 Data File : VW010791.D
 Acq On : 13 Jun 2019 12:15
 Operator : SY/VA
 Sample : VW0613SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0613SBS01

Quant Time: Jun 14 08:08:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	221741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	355631	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	315039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151385	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	133175	50.95	ug/l	0.00
Spiked Amount			Recovery	=	101.90%	
35) Dibromofluoromethane	7.88	113	104097	53.93	ug/l	0.00
Spiked Amount			Recovery	=	107.86%	
50) Toluene-d8	10.32	98	446138	52.71	ug/l	0.00
Spiked Amount			Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.62	95	163292	53.01	ug/l	0.00
Spiked Amount			Recovery	=	106.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	40865	19.943	ug/l	97
3) Chloromethane	2.21	50	60425	20.043	ug/l	100
4) Vinyl Chloride	2.35	62	54600	19.602	ug/l	97
5) Bromomethane	2.75	94	30804	20.139	ug/l	92
6) Chloroethane	2.90	64	32780	19.606	ug/l	99
7) Trichlorofluoromethane	3.25	101	75700	20.936	ug/l	100
8) Diethyl Ether	3.68	74	23424	18.128	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	46980	21.134	ug/l	98
10) Methyl Iodide	4.27	142	34177	18.291	ug/l	99
11) Tert butyl alcohol	5.17	59	30051	141.135	ug/l #	91
12) 1,1-Dichloroethene	4.03	96	43366	20.223	ug/l	97
13) Acrolein	3.90	56	5771	66.328	ug/l	96
14) Allyl chloride	4.67	41	94681	20.025	ug/l	98
15) Acrylonitrile	5.37	53	54696	87.131	ug/l	99
16) Acetone	4.12	43	64539	92.158	ug/l	96
17) Carbon Disulfide	4.37	76	128927	18.940	ug/l	99
18) Methyl Acetate	4.67	43	28201	18.707	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	113095	18.286	ug/l	99
20) Methylene Chloride	4.92	84	48394	19.698	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	49073	20.159	ug/l	99
22) Diisopropyl ether	6.31	45	190393	20.113	ug/l	97
23) Vinyl Acetate	6.26	43	523644	91.663	ug/l	99
24) 1,1-Dichloroethane	6.21	63	96617	20.367	ug/l	98
25) 2-Butanone	7.17	43	88876	91.523	ug/l	99
26) 2,2-Dichloropropane	7.17	77	88904	23.031	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	53497	19.969	ug/l	94
28) Bromochloromethane	7.51	49	40013	18.900	ug/l	96
29) Tetrahydrofuran	7.53	42	52339	85.689	ug/l	99
30) Chloroform	7.68	83	87455	20.155	ug/l	99
31) Cyclohexane	7.95	56	109769	20.816	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	78121	20.611	ug/l	99
36) 1,1-Dichloropropene	8.08	75	77224	21.214	ug/l	99
37) Ethyl Acetate	7.26	43	36940	18.312	ug/l	98
38) Carbon Tetrachloride	8.07	117	66778	21.250	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	99598	21.522	ug/l	98
40) Benzene	8.32	78	206768	20.821	ug/l	99
41) Methacrylonitrile	7.48	41	21038	17.546	ug/l	97
42) 1,2-Dichloroethane	8.40	62	63362	20.103	ug/l	99
43) Isopropyl Acetate	8.42	43	70243	18.024	ug/l	98
44) Trichloroethene	9.09	130	50213	20.497	ug/l	97
45) 1,2-Dichloropropane	9.37	63	54444	20.710	ug/l	97
46) Dibromomethane	9.46	93	23574	19.307	ug/l	97
47) Bromodichloromethane	9.65	83	62201	19.652	ug/l	95
48) Methyl methacrylate	9.44	41	33419	17.785	ug/l	99
49) 1,4-Dioxane	9.45	88	7109	372.389	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	178000	89.404	ug/l	99
52) Toluene	10.39	92	127267	20.828	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	64886	19.355	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	77271	19.588	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	33160	18.851	ug/l	99
56) Ethyl methacrylate	10.65	69	48545	17.935	ug/l	96
57) 1,3-Dichloropropane	10.93	76	64017	19.312	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	137654	97.097	ug/l	99
59) 2-Hexanone	10.97	43	124191	86.309	ug/l	98
60) Dibromochloromethane	11.13	129	35853	18.387	ug/l	97
61) 1,2-Dibromoethane	11.24	107	30794	18.477	ug/l	100
64) Tetrachloroethene	10.87	164	42097	20.125	ug/l	98
65) Chlorobenzene	11.66	112	126846	20.475	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	43225	20.156	ug/l	99
67) Ethyl Benzene	11.73	91	250754	21.061	ug/l	99
68) m/p-Xylenes	11.84	106	180102	42.256	ug/l	99
69) o-Xylene	12.16	106	83420	20.637	ug/l	96
70) Styrene	12.18	104	140569	20.018	ug/l	98
71) Bromoform	12.35	173	19387	17.479	ug/l	# 99
73) Isopropylbenzene	12.47	105	248622	21.855	ug/l	99
74) N-amyl acetate	12.27	43	67798	18.441	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	38877	17.951	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29410m	18.500	ug/l	
77) Bromobenzene	12.75	156	50435	20.310	ug/l	99
78) n-propylbenzene	12.80	91	302906	22.082	ug/l	100
79) 2-Chlorotoluene	12.90	91	169014	21.567	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	206246	22.150	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11251	16.266	ug/l	92
82) 4-Chlorotoluene	12.99	91	173580	21.463	ug/l	99
83) tert-Butylbenzene	13.21	119	183593	23.232	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	206952	22.087	ug/l	99
85) sec-Butylbenzene	13.38	105	262914	22.851	ug/l	100
86) p-Isopropyltoluene	13.50	119	231459	22.496	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	102748	21.456	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	99902	21.043	ug/l	99
89) n-Butylbenzene	13.83	91	235835	22.973	ug/l	99
90) Hexachloroethane	14.10	117	41033	22.269	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	90086	20.919	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6544	17.596	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	64460	21.330	ug/l	100
94) Hexachlorobutadiene	15.24	225	41493	21.877	ug/l	99
95) Naphthalene	15.37	128	96925	17.652	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	54927	21.371	ug/l	100

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

