

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021919\
 Data File : VW008746.D
 Acq On : 19 Feb 2019 12:25
 Operator : SY/VA
 Sample : VW0219SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0219SBS01

Quant Time: Feb 20 07:02:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	342975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	503108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	451228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	237409	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	166067	46.57	ug/l	0.00
Spiked Amount			Recovery	=	93.14%	
35) Dibromofluoromethane	7.88	113	161239	51.61	ug/l	0.00
Spiked Amount			Recovery	=	103.22%	
50) Toluene-d8	10.32	98	612754	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.62	95	217480	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	42357	19.282	ug/l	90
3) Chloromethane	2.21	50	55116	17.404	ug/l	99
4) Vinyl Chloride	2.36	62	74834	17.990	ug/l	92
5) Bromomethane	2.78	94	64582	19.620	ug/l	99
6) Chloroethane	2.92	64	58060	18.758	ug/l	97
7) Trichlorofluoromethane	3.24	101	52869	16.318	ug/l	96
8) Diethyl Ether	3.67	74	33106	17.123	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	70318	20.538	ug/l	97
10) Methyl Iodide	4.26	142	106157	19.865	ug/l	100
11) Tert butyl alcohol	5.19	59	19606	68.724	ug/l	96
12) 1,1-Dichloroethene	4.02	96	66755	19.937	ug/l	93
13) Acrolein	3.89	56	23332	79.379	ug/l	98
14) Allyl chloride	4.65	41	101228	18.197	ug/l	97
15) Acrylonitrile	5.37	53	67063	82.410	ug/l	99
16) Acetone	4.12	43	65612	80.863	ug/l	98
17) Carbon Disulfide	4.37	76	193147	19.115	ug/l	96
18) Methyl Acetate	4.67	43	29613	15.971	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	100513	17.100	ug/l	97
20) Methylene Chloride	4.90	84	70506	14.600	ug/l	89
21) trans-1,2-Dichloroethene	5.41	96	69652	18.995	ug/l	98
22) Diisopropyl ether	6.31	45	199725	17.838	ug/l	98
23) Vinyl Acetate	6.25	43	592016	81.469	ug/l	100
24) 1,1-Dichloroethane	6.21	63	122379	18.942	ug/l	100
25) 2-Butanone	7.17	43	89709	78.298	ug/l	93
26) 2,2-Dichloropropane	7.16	77	82747	20.501	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	75984	19.163	ug/l	99
28) Bromochloromethane	7.50	49	54377	19.937	ug/l	95
29) Tetrahydrofuran	7.52	42	55134	73.009	ug/l	96
30) Chloroform	7.66	83	125047	19.316	ug/l	98
31) Cyclohexane	7.95	56	122063	18.718	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	110980	20.298	ug/l	99
36) 1,1-Dichloropropene	8.07	75	103009	20.379	ug/l	98
37) Ethyl Acetate	7.26	43	39547	16.219	ug/l	99
38) Carbon Tetrachloride	8.06	117	106436	21.176	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	125946	19.700	ug/l	98
40) Benzene	8.32	78	278013	20.139	ug/l	98
41) Methacrylonitrile	7.48	41	24812	18.086	ug/l	97
42) 1,2-Dichloroethane	8.40	62	82444	19.254	ug/l	100
43) Isopropyl Acetate	8.42	43	76670	15.769	ug/l	94
44) Trichloroethene	9.09	130	78317	20.461	ug/l	92
45) 1,2-Dichloropropane	9.37	63	65436	19.154	ug/l	98
46) Dibromomethane	9.46	93	35361	18.789	ug/l	96
47) Bromodichloromethane	9.64	83	86014	19.017	ug/l	98
48) Methyl methacrylate	9.43	41	36055	16.002	ug/l	96
49) 1,4-Dioxane	9.45	88	10026	333.748	ug/l #	70
51) 4-Methyl-2-Pentanone	10.21	43	197498	79.078	ug/l	100
52) Toluene	10.38	92	176407	19.808	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	85913	18.081	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	100875	18.728	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	47848	18.529	ug/l	94
56) Ethyl methacrylate	10.65	69	56022	16.338	ug/l	96
57) 1,3-Dichloropropane	10.93	76	84472	18.437	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	156796	95.324	ug/l	99
59) 2-Hexanone	10.97	43	136911	78.034	ug/l	100
60) Dibromochloromethane	11.12	129	57302	18.546	ug/l	97
61) 1,2-Dibromoethane	11.23	107	46933	18.459	ug/l	99
64) Tetrachloroethene	10.86	164	67941	20.248	ug/l	98
65) Chlorobenzene	11.66	112	192444	19.787	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	67967	19.727	ug/l	99
67) Ethyl Benzene	11.73	91	344838	19.905	ug/l	98
68) m/p-Xylenes	11.84	106	267245	39.646	ug/l	99
69) o-Xylene	12.16	106	123418	19.370	ug/l	96
70) Styrene	12.18	104	194915	18.729	ug/l	99
71) Bromoform	12.35	173	32260	17.378	ug/l #	99
73) Isopropylbenzene	12.46	105	342462	19.366	ug/l	99
74) N-amyl acetate	12.27	43	72163	15.090	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.71	83	53285	17.318	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	37862m	16.151	ug/l	
77) Bromobenzene	12.75	156	78752	19.373	ug/l	94
78) n-propylbenzene	12.80	91	414426	19.723	ug/l	100
79) 2-Chlorotoluene	12.90	91	230179	19.383	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	286427	19.500	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14977	15.896	ug/l	96
82) 4-Chlorotoluene	12.99	91	242130	19.239	ug/l	98
83) tert-Butylbenzene	13.21	119	248345	19.471	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	294487	19.506	ug/l	99
85) sec-Butylbenzene	13.38	105	364093	19.605	ug/l	100
86) p-Isopropyltoluene	13.50	119	327994	19.742	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	163021	19.783	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	162954	20.065	ug/l	100
89) n-Butylbenzene	13.83	91	306530	19.416	ug/l	99
90) Hexachloroethane	14.10	117	56734	19.546	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	141109	19.327	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8721	16.311	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	102218	19.668	ug/l	99
94) Hexachlorobutadiene	15.24	225	66557	22.000	ug/l	98
95) Naphthalene	15.37	128	162944	17.495	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	88338	19.808	ug/l	97

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

