

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022719\
 Data File : VW008874.D
 Acq On : 28 Feb 2019 01:42
 Operator : SY/VA
 Sample : VW0227SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0227SBS02

Quant Time: Feb 28 11:27:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	221881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	348198	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	183678	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	156571	75.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	150.48%	
35) Dibromofluoromethane	7.88	113	136815	65.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.88%	
50) Toluene-d8	10.32	98	485894	60.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.42%	
62) 4-Bromofluorobenzene	12.62	95	190761	60.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.74%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	43228	19.452	ug/l 95
3) Chloromethane	2.21	50	57781	21.360	ug/l 99
4) Vinyl Chloride	2.35	62	56546	19.743	ug/l 97
5) Bromomethane	2.75	94	54312	25.530	ug/l 100
6) Chloroethane	2.90	64	43507	21.392	ug/l 98
7) Trichlorofluoromethane	3.25	101	82740	22.841	ug/l 92
8) Diethyl Ether	3.68	74	33179	28.931	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	51012	23.190	ug/l 99
10) Methyl Iodide	4.26	142	48351	17.577	ug/l 99
11) Tert butyl alcohol	5.18	59	23464	126.649	ug/l 94
12) 1,1-Dichloroethene	4.03	96	45177	23.255	ug/l 93
13) Acrolein	3.89	56	19797	113.071	ug/l 99
14) Allyl chloride	4.67	41	82817	24.700	ug/l 99
15) Acrylonitrile	5.37	53	74440	151.245	ug/l 99
16) Acetone	4.12	43	65655	136.110	ug/l 97
17) Carbon Disulfide	4.37	76	129866	20.148	ug/l 96
18) Methyl Acetate	4.67	43	36337	31.760	ug/l 98
19) Methyl tert-butyl Ether	5.43	73	153180	29.131	ug/l 97
20) Methylene Chloride	4.91	84	84863	34.088	ug/l 94
21) trans-1,2-Dichloroethene	5.42	96	55322	24.618	ug/l 93
22) Diisopropyl ether	6.31	45	184883	27.642	ug/l 96
23) Vinyl Acetate	6.26	43	585167	141.599	ug/l 99
24) 1,1-Dichloroethane	6.21	63	102364	26.411	ug/l 98
25) 2-Butanone	7.17	43	99551	147.618	ug/l 95
26) 2,2-Dichloropropane	7.17	77	71987	20.458	ug/l 98
27) cis-1,2-Dichloroethene	7.17	96	63907	26.585	ug/l 95
28) Bromochloromethane	7.51	49	44853	27.654	ug/l 100
29) Tetrahydrofuran	7.52	42	67793	157.744	ug/l 98
30) Chloroform	7.67	83	107962	27.152	ug/l 98
31) Cyclohexane	7.95	56	87441	22.288	ug/l 96
32) 1,1,1-Trichloroethane	7.87	97	90327	24.980	ug/l 99
36) 1,1-Dichloropropene	8.08	75	77563	22.883	ug/l 100
37) Ethyl Acetate	7.25	43	46160	29.286	ug/l 98
38) Carbon Tetrachloride	8.07	117	78788	22.041	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	86018	20.346	ug/l	98
40) Benzene	8.32	78	222526	24.046	ug/l	98
41) Methacrylonitrile	7.48	41	26241	28.323	ug/l #	92
42) 1,2-Dichloroethane	8.40	62	77719	26.511	ug/l	99
43) Isopropyl Acetate	8.42	43	87267	27.741	ug/l	97
44) Trichloroethene	9.09	130	61518	23.597	ug/l	99
45) 1,2-Dichloropropane	9.37	63	59118	25.851	ug/l	95
46) Dibromomethane	9.46	93	32961	25.912	ug/l	96
47) Bromodichloromethane	9.64	83	80391	25.975	ug/l	93
48) Methyl methacrylate	9.43	41	37921	25.169	ug/l	94
49) 1,4-Dioxane	9.46	88	10090	495.319	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	216757	135.719	ug/l	99
52) Toluene	10.38	92	141605	22.546	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	77023	24.417	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	88970	24.729	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	48249	27.969	ug/l	97
56) Ethyl methacrylate	10.65	69	56563	25.237	ug/l	99
57) 1,3-Dichloropropane	10.93	76	82012	26.926	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	163690	145.213	ug/l	100
59) 2-Hexanone	10.97	43	144825	127.388	ug/l	99
60) Dibromochloromethane	11.13	129	54227	25.771	ug/l	99
61) 1,2-Dibromoethane	11.24	107	44810	26.242	ug/l	94
64) Tetrachloroethene	10.86	164	60964	25.666	ug/l	95
65) Chlorobenzene	11.66	112	162616	23.306	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	60444	25.620	ug/l	98
67) Ethyl Benzene	11.73	91	275754	22.108	ug/l	97
68) m/p-Xylenes	11.84	106	221094	44.364	ug/l	98
69) o-Xylene	12.16	106	105153	22.480	ug/l	100
70) Styrene	12.18	104	169658	22.544	ug/l	100
71) Bromoform	12.35	173	33854	26.695	ug/l #	100
73) Isopropylbenzene	12.46	105	275911	21.912	ug/l	100
74) N-amyl acetate	12.27	43	72942	22.997	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	55748	27.095	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	70008	46.164	ug/l #	100
77) Bromobenzene	12.74	156	71702	24.097	ug/l	98
78) n-propylbenzene	12.80	91	335320	21.770	ug/l	99
79) 2-Chlorotoluene	12.90	91	196272	22.444	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	236479	21.611	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	14114	22.626	ug/l	97
82) 4-Chlorotoluene	12.99	91	205632	22.314	ug/l	100
83) tert-Butylbenzene	13.21	119	207449	21.925	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	239730	21.164	ug/l	99
85) sec-Butylbenzene	13.38	105	288239	21.186	ug/l	100
86) p-Isopropyltoluene	13.50	119	254006	20.366	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	138123	22.373	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	137584	22.612	ug/l	99
89) n-Butylbenzene	13.83	91	230246	19.705	ug/l	99
90) Hexachloroethane	14.10	117	44845	21.964	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	127602	23.197	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9322	25.047	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	79092	19.955	ug/l	96
94) Hexachlorobutadiene	15.24	225	48088	20.598	ug/l	97
95) Naphthalene	15.37	128	154121	22.839	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	73977	21.587	ug/l	98

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

