

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022719\
 Data File : VW008875.D
 Acq On : 28 Feb 2019 02:08
 Operator : SY/VA
 Sample : VW0227SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0227SBS02

Quant Time: Feb 28 11:27:17 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	243959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	379969	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	370617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	198457	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	153316	67.01	ug/l	0.00
Spiked Amount			Recovery	=	134.02%	
35) Dibromofluoromethane	7.88	113	135163	59.25	ug/l	0.00
Spiked Amount			Recovery	=	118.50%	
50) Toluene-d8	10.32	98	495227	56.23	ug/l	0.00
Spiked Amount			Recovery	=	112.46%	
62) 4-Bromofluorobenzene	12.62	95	196708	57.05	ug/l	0.00
Spiked Amount			Recovery	=	114.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	48998	20.053	ug/l	92
3) Chloromethane	2.21	50	64703	21.754	ug/l	100
4) Vinyl Chloride	2.35	62	63572	20.187	ug/l	98
5) Bromomethane	2.75	94	58085	24.833	ug/l	97
6) Chloroethane	2.90	64	47987	21.459	ug/l	95
7) Trichlorofluoromethane	3.25	101	87809	22.047	ug/l	99
8) Diethyl Ether	3.68	74	34716	27.532	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	56129	23.207	ug/l	99
10) Methyl Iodide	4.27	142	57743	19.092	ug/l	99
11) Tert butyl alcohol	5.18	59	24686	121.186	ug/l #	92
12) 1,1-Dichloroethene	4.03	96	48631	22.767	ug/l	98
13) Acrolein	3.89	56	18235	97.933	ug/l	97
14) Allyl chloride	4.67	41	87829	23.824	ug/l	99
15) Acrylonitrile	5.37	53	73483	135.789	ug/l	99
16) Acetone	4.13	43	65199	122.932	ug/l	93
17) Carbon Disulfide	4.37	76	142249	20.072	ug/l	98
18) Methyl Acetate	4.67	43	33643	26.744	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	158201	27.363	ug/l	99
20) Methylene Chloride	4.92	84	93947	34.360	ug/l	88
21) trans-1,2-Dichloroethene	5.42	96	60332	24.418	ug/l	93
22) Diisopropyl ether	6.31	45	197158	26.809	ug/l	97
23) Vinyl Acetate	6.26	43	613977	135.125	ug/l	100
24) 1,1-Dichloroethane	6.21	63	108770	25.524	ug/l	98
25) 2-Butanone	7.17	43	102158	137.774	ug/l	96
26) 2,2-Dichloropropane	7.16	77	77180	19.949	ug/l	95
27) cis-1,2-Dichloroethene	7.16	96	70317	26.605	ug/l	93
28) Bromochloromethane	7.51	49	45706	25.630	ug/l	98
29) Tetrahydrofuran	7.53	42	64888	137.321	ug/l	97
30) Chloroform	7.68	83	115704	26.466	ug/l	100
31) Cyclohexane	7.95	56	95294	22.091	ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	98880	24.871	ug/l	99
36) 1,1-Dichloropropene	8.08	75	85877	23.218	ug/l	99
37) Ethyl Acetate	7.26	43	47751	27.762	ug/l	98
38) Carbon Tetrachloride	8.07	117	84451	21.650	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	93405	20.246	ug/l	97
40) Benzene	8.32	78	241355	23.899	ug/l	100
41) Methacrylonitrile	7.48	41	25720	25.439	ug/l	98
42) 1,2-Dichloroethane	8.40	62	80973	25.311	ug/l	99
43) Isopropyl Acetate	8.42	43	86463	25.187	ug/l	99
44) Trichloroethene	9.09	130	69263	24.346	ug/l	99
45) 1,2-Dichloropropane	9.37	63	62678	25.116	ug/l	99
46) Dibromomethane	9.46	93	35779	25.775	ug/l	98
47) Bromodichloromethane	9.64	83	84146	24.915	ug/l	98
48) Methyl methacrylate	9.43	41	38427	23.373	ug/l	92
49) 1,4-Dioxane	9.46	88	10630	478.195	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	220282	126.393	ug/l	99
52) Toluene	10.39	92	157497	22.980	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	82756	24.040	ug/l	92
54) cis-1,3-Dichloropropene	10.07	75	96066	24.469	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	50192	26.662	ug/l	98
56) Ethyl methacrylate	10.65	69	58609	23.963	ug/l	97
57) 1,3-Dichloropropane	10.93	76	88299	26.566	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	156832	127.496	ug/l	100
59) 2-Hexanone	10.97	43	148810	119.948	ug/l	99
60) Dibromochloromethane	11.13	129	59203	25.784	ug/l	100
61) 1,2-Dibromoethane	11.23	107	48511	26.034	ug/l	100
64) Tetrachloroethene	10.86	164	69652	26.255	ug/l	98
65) Chlorobenzene	11.66	112	176995	22.712	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	64324	24.411	ug/l	98
67) Ethyl Benzene	11.73	91	308164	22.120	ug/l	97
68) m/p-Xylenes	11.84	106	245926	44.182	ug/l	99
69) o-Xylene	12.16	106	116654	22.328	ug/l	100
70) Styrene	12.18	104	192433	22.894	ug/l	99
71) Bromoform	12.35	173	35084	24.770	ug/l #	98
73) Isopropylbenzene	12.47	105	306531	22.531	ug/l	98
74) N-amyl acetate	12.27	43	79011	23.055	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	56659	25.487	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	73926	45.117	ug/l #	100
77) Bromobenzene	12.75	156	78709	24.482	ug/l	99
78) n-propylbenzene	12.80	91	369808	22.221	ug/l	99
79) 2-Chlorotoluene	12.90	91	217269	22.995	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	264845	22.401	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	14588	21.644	ug/l	99
82) 4-Chlorotoluene	12.99	91	228804	22.979	ug/l	99
83) tert-Butylbenzene	13.21	119	234867	22.974	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	272837	22.293	ug/l	100
85) sec-Butylbenzene	13.38	105	323834	22.030	ug/l	100
86) p-Isopropyltoluene	13.50	119	291544	21.635	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	153765	23.052	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	155182	23.605	ug/l	99
89) n-Butylbenzene	13.83	91	258382	20.467	ug/l	100
90) Hexachloroethane	14.10	117	50980	23.109	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	140826	23.694	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8832	21.963	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	95162	22.222	ug/l	99
94) Hexachlorobutadiene	15.24	225	55363	21.948	ug/l	98
95) Naphthalene	15.37	128	170272	23.353	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	85553	23.106	ug/l	97

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

