

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020819\
 Data File : VW008571.D
 Acq On : 08 Feb 2019 13:55
 Operator : SY/VA
 Sample : VW0208SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0208SBS01

Quant Time: Feb 09 01:00:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	525058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	837911	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	776059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	410770	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	305414	59.21	ug/l	0.00
Spiked Amount			Recovery	=	118.42%	
35) Dibromofluoromethane	7.88	113	279433	57.03	ug/l	0.00
Spiked Amount			Recovery	=	114.06%	
50) Toluene-d8	10.32	98	1166882	59.39	ug/l	0.00
Spiked Amount			Recovery	=	118.78%	
62) 4-Bromofluorobenzene	12.62	95	456943	60.51	ug/l	0.00
Spiked Amount			Recovery	=	121.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	40882	15.850	ug/l	96
3) Chloromethane	2.21	50	95708	22.331	ug/l	98
4) Vinyl Chloride	2.36	62	129607	23.756	ug/l	98
5) Bromomethane	2.78	94	83892	23.839	ug/l	100
6) Chloroethane	2.92	64	83960	25.163	ug/l	96
7) Trichlorofluoromethane	3.25	101	84274	20.806	ug/l	99
8) Diethyl Ether	3.67	74	62399	23.830	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	99478	20.948	ug/l	98
10) Methyl Iodide	4.26	142	151088	20.142	ug/l	97
11) Tert butyl alcohol	5.18	59	36569	88.056	ug/l #	86
12) 1,1-Dichloroethene	4.03	96	96408	20.060	ug/l	88
13) Acrolein	3.89	56	30836	86.934	ug/l	89
14) Allyl chloride	4.65	41	180233	19.749	ug/l	94
15) Acrylonitrile	5.36	53	107141	94.759	ug/l	100
16) Acetone	4.12	43	114764	99.075	ug/l	97
17) Carbon Disulfide	4.37	76	282454	18.402	ug/l	97
18) Methyl Acetate	4.66	43	57182	18.508	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	164695	20.712	ug/l	99
20) Methylene Chloride	4.90	84	110736	20.741	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	105845	19.590	ug/l	96
22) Diisopropyl ether	6.31	45	348028	20.122	ug/l	98
23) Vinyl Acetate	6.25	43	1007735	98.673	ug/l	100
24) 1,1-Dichloroethane	6.21	63	195268	19.945	ug/l	97
25) 2-Butanone	7.17	43	151333	94.058	ug/l	96
26) 2,2-Dichloropropane	7.17	77	138696	20.959	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	115577	19.628	ug/l	95
28) Bromochloromethane	7.51	49	98185	21.835	ug/l	96
29) Tetrahydrofuran	7.52	42	95585	93.750	ug/l	98
30) Chloroform	7.67	83	198673	20.631	ug/l	96
31) Cyclohexane	7.95	56	198379	19.596	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	174626	20.995	ug/l	98
36) 1,1-Dichloropropene	8.07	75	162419	20.520	ug/l	99
37) Ethyl Acetate	7.25	43	69788	19.929	ug/l	97
38) Carbon Tetrachloride	8.06	117	164277	20.625	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.33	83	206116	19.823	ug/l	100
40) Benzene	8.32	78	438534	19.967	ug/l	98
41) Methacrylonitrile	7.48	41	34652	16.712	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	133965	21.048	ug/l	99
43) Isopropyl Acetate	8.42	43	142417	19.576	ug/l	98
44) Trichloroethene	9.09	130	119072	19.937	ug/l	99
45) 1,2-Dichloropropane	9.37	63	111273	20.319	ug/l	99
46) Dibromomethane	9.45	93	53798	19.100	ug/l	97
47) Bromodichloromethane	9.64	83	147729	19.829	ug/l	96
48) Methyl methacrylate	9.43	41	65658	18.457	ug/l	97
49) 1,4-Dioxane	9.45	88	17586	369.378	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	352426	98.056	ug/l	100
52) Toluene	10.38	92	305178	21.049	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	162670	20.520	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	179051	19.903	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	80487	20.602	ug/l	99
56) Ethyl methacrylate	10.65	69	105878	19.341	ug/l	98
57) 1,3-Dichloropropane	10.93	76	144366	20.626	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	275180	103.458	ug/l	100
59) 2-Hexanone	10.97	43	248896	98.094	ug/l	98
60) Dibromochloromethane	11.13	129	97253	19.371	ug/l	100
61) 1,2-Dibromoethane	11.23	107	77082	19.898	ug/l	99
64) Tetrachloroethene	10.86	164	104760	19.938	ug/l	98
65) Chlorobenzene	11.66	112	326674	20.621	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	116647	20.580	ug/l	99
67) Ethyl Benzene	11.73	91	616072	21.156	ug/l	99
68) m/p-Xylenes	11.84	106	465320	41.184	ug/l	98
69) o-Xylene	12.16	106	223778	20.845	ug/l	100
70) Styrene	12.18	104	352805	19.896	ug/l	99
71) Bromoform	12.35	173	58140	18.231	ug/l #	99
73) Isopropylbenzene	12.46	105	629701	20.563	ug/l	99
74) N-amyl acetate	12.27	43	144695	18.341	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	93693	19.325	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	69601m	19.489	ug/l	
77) Bromobenzene	12.75	156	135548	20.268	ug/l	99
78) n-propylbenzene	12.80	91	759374	20.646	ug/l	100
79) 2-Chlorotoluene	12.90	91	433518	20.887	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	532066	20.787	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	32420	17.929	ug/l	93
82) 4-Chlorotoluene	12.99	91	448864	20.313	ug/l	100
83) tert-Butylbenzene	13.21	119	460774	20.229	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	538870	20.713	ug/l	98
85) sec-Butylbenzene	13.38	105	678674	20.863	ug/l	99
86) p-Isopropyltoluene	13.50	119	587872	20.631	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	275931	20.429	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	277065	20.641	ug/l	100
89) n-Butylbenzene	13.83	91	569430	20.353	ug/l	100
90) Hexachloroethane	14.10	117	108826	19.530	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	249257	20.856	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17537	19.064	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	169819	19.912	ug/l	98
94) Hexachlorobutadiene	15.24	225	106133	20.649	ug/l	99
95) Naphthalene	15.37	128	293980	19.632	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	141100	19.504	ug/l	99

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

