

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020819\
 Data File : VW008572.D
 Acq On : 08 Feb 2019 14:21
 Operator : SY/VA
 Sample : VW0208SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0208SBSD01

Quant Time: Feb 09 01:02:45 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	543857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	871991	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	807114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	435437	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	335088	62.72	ug/l	0.00
Spiked Amount			Recovery	=	125.44%	
35) Dibromofluoromethane	7.88	113	289796	56.84	ug/l	0.00
Spiked Amount			Recovery	=	113.68%	
50) Toluene-d8	10.32	98	1159560	56.71	ug/l	0.00
Spiked Amount			Recovery	=	113.42%	
62) 4-Bromofluorobenzene	12.62	95	464879	59.15	ug/l	0.00
Spiked Amount			Recovery	=	118.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	37634m	14.448	ug/l	
3) Chloromethane	2.21	50	83362	18.778	ug/l	99
4) Vinyl Chloride	2.36	62	108117	19.132	ug/l	99
5) Bromomethane	2.78	94	72868	19.991	ug/l	98
6) Chloroethane	2.92	64	71652	20.732	ug/l	97
7) Trichlorofluoromethane	3.26	101	72958	18.165	ug/l	98
8) Diethyl Ether	3.67	74	59581	21.968	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	93279	18.963	ug/l	98
10) Methyl Iodide	4.26	142	137836	17.741	ug/l	97
11) Tert butyl alcohol	5.17	59	44373	103.154	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	85369	17.149	ug/l	95
13) Acrolein	3.89	56	37424	101.141	ug/l	92
14) Allyl chloride	4.66	41	165226	17.479	ug/l	94
15) Acrylonitrile	5.37	53	119096	101.691	ug/l	100
16) Acetone	4.12	43	121323	101.117	ug/l	98
17) Carbon Disulfide	4.37	76	249994	15.724	ug/l	98
18) Methyl Acetate	4.67	43	63006	19.688	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	176761	21.461	ug/l	97
20) Methylene Chloride	4.90	84	111673	20.194	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	99721	17.818	ug/l	97
22) Diisopropyl ether	6.31	45	339014	18.923	ug/l	97
23) Vinyl Acetate	6.25	43	1034675	97.808	ug/l	100
24) 1,1-Dichloroethane	6.21	63	181910	17.938	ug/l	98
25) 2-Butanone	7.17	43	169725	101.843	ug/l	98
26) 2,2-Dichloropropane	7.17	77	126510	18.456	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	111173	18.227	ug/l	98
28) Bromochloromethane	7.51	49	109001	23.402	ug/l	97
29) Tetrahydrofuran	7.53	42	108840	103.060	ug/l	98
30) Chloroform	7.67	83	182696	18.316	ug/l	99
31) Cyclohexane	7.95	56	178717	17.044	ug/l	89
32) 1,1,1-Trichloroethane	7.87	97	157544	18.287	ug/l	98
36) 1,1-Dichloropropene	8.08	75	146031	17.729	ug/l	99
37) Ethyl Acetate	7.25	43	74878	20.547	ug/l	98
38) Carbon Tetrachloride	8.07	117	144385	17.419	ug/l	99

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

39) Methylcyclohexane	9.34	83	185821	17.173	ug/l	98
40) Benzene	8.32	78	409654	17.923	ug/l	100
41) Methacrylonitrile	7.49	41	38454	17.821	ug/l #	90
42) 1,2-Dichloroethane	8.40	62	131563	19.862	ug/l	98
43) Isopropyl Acetate	8.43	43	153661	20.296	ug/l	99
44) Trichloroethene	9.09	130	108613	17.475	ug/l	100
45) 1,2-Dichloropropane	9.37	63	104912	18.409	ug/l	98
46) Dibromomethane	9.46	93	56342	19.222	ug/l	98
47) Bromodichloromethane	9.65	83	140776	18.157	ug/l	97
48) Methyl methacrylate	9.44	41	72146	19.489	ug/l	93
49) 1,4-Dioxane	9.45	88	18891	381.280	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	394316	105.423	ug/l	99
52) Toluene	10.39	92	276616	18.334	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	155290	18.823	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	170904	18.255	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	79432	19.537	ug/l	99
56) Ethyl methacrylate	10.65	69	110801	19.449	ug/l	97
57) 1,3-Dichloropropane	10.93	76	141158	19.380	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	300479	108.555	ug/l	100
59) 2-Hexanone	10.97	43	282564	107.011	ug/l	98
60) Dibromochloromethane	11.13	129	94760	18.137	ug/l	98
61) 1,2-Dibromoethane	11.24	107	77149	19.137	ug/l	100
64) Tetrachloroethene	10.86	164	94562	17.304	ug/l	95
65) Chlorobenzene	11.66	112	302012	18.330	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	106578	18.080	ug/l	99
67) Ethyl Benzene	11.73	91	550500	18.177	ug/l	99
68) m/p-Xylenes	11.84	106	422276	35.936	ug/l	99
69) o-Xylene	12.16	106	199731	17.889	ug/l	98
70) Styrene	12.18	104	325368	17.643	ug/l	100
71) Bromoform	12.35	173	58076	17.510	ug/l #	98
73) Isopropylbenzene	12.47	105	557382	17.170	ug/l	100
74) N-amyl acetate	12.27	43	156206	18.678	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	95791	18.638	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	73972m	19.539	ug/l	
77) Bromobenzene	12.75	156	123845	17.469	ug/l	97
78) n-propylbenzene	12.80	91	684869	17.565	ug/l	98
79) 2-Chlorotoluene	12.90	91	390151	17.733	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	476786	17.572	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	33570	17.514	ug/l	95
82) 4-Chlorotoluene	12.99	91	410031	17.504	ug/l	100
83) tert-Butylbenzene	13.21	119	423017	17.519	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	488663	17.719	ug/l	99
85) sec-Butylbenzene	13.38	105	597360	17.323	ug/l	99
86) p-Isopropyltoluene	13.50	119	530940	17.578	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	253505	17.705	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	256475	18.024	ug/l	98
89) n-Butylbenzene	13.83	91	519344	17.511	ug/l	99
90) Hexachloroethane	14.10	117	98643	16.699	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	228379	18.027	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18717	19.194	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	162595	17.985	ug/l	98
94) Hexachlorobutadiene	15.24	225	98710	18.117	ug/l	96
95) Naphthalene	15.37	128	304959	19.211	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	140818	18.362	ug/l	99

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

