

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101618\
 Data File : VW006096.D
 Acq On : 17 Oct 2018 00:55
 Operator : VA/AP
 Sample : VW1016SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1016SBS02

Quant Time: Oct 17 02:15:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	247416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	367595	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	339766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	189595	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	110212	53.73	ug/l	0.00
Spiked Amount			Recovery	=	107.46%	
35) Dibromofluoromethane	7.88	113	110801	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	
50) Toluene-d8	10.33	98	416639	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.62	95	155092	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	20263	16.550	ug/l	100
3) Chloromethane	2.21	50	29247	18.557	ug/l	94
4) Vinyl Chloride	2.37	62	43999	19.549	ug/l	98
5) Bromomethane	2.78	94	47218	23.066	ug/l	98
6) Chloroethane	2.93	64	33959	21.054	ug/l	97
7) Trichlorofluoromethane	3.26	101	37132	17.710	ug/l	99
8) Diethyl Ether	3.68	74	24736	22.198	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44087	20.064	ug/l	99
10) Methyl Iodide	4.26	142	76558	20.933	ug/l	100
11) Tert butyl alcohol	5.21	59	15542	112.661	ug/l #	92
12) 1,1-Dichloroethene	4.04	96	42832	20.719	ug/l	91
13) Acrolein	3.90	56	14091	105.560	ug/l	91
14) Allyl chloride	4.67	41	60024	20.307	ug/l	100
15) Acrylonitrile	5.38	53	46288	115.814	ug/l	99
16) Acetone	4.14	43	41004	97.524	ug/l	98
17) Carbon Disulfide	4.38	76	121415	19.461	ug/l	99
18) Methyl Acetate	4.68	43	23539	22.803	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	67844	21.547	ug/l	100
20) Methylene Chloride	4.91	84	50586	22.409	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	49272	21.353	ug/l	99
22) Diisopropyl ether	6.32	45	125046	21.408	ug/l	99
23) Vinyl Acetate	6.26	43	369794	107.274	ug/l	100
24) 1,1-Dichloroethane	6.21	63	81726	21.683	ug/l	99
25) 2-Butanone	7.18	43	61913	111.729	ug/l	98
26) 2,2-Dichloropropane	7.17	77	48491	18.241	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	56042	22.009	ug/l	98
28) Bromochloromethane	7.51	49	28229	19.400	ug/l	98
29) Tetrahydrofuran	7.54	42	39334	115.480	ug/l	98
30) Chloroform	7.68	83	88999	21.673	ug/l	99
31) Cyclohexane	7.95	56	73375	19.549	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	75178	20.295	ug/l	98
36) 1,1-Dichloropropene	8.09	75	69582	20.537	ug/l	100
37) Ethyl Acetate	7.26	43	27900	22.163	ug/l	99
38) Carbon Tetrachloride	8.07	117	72385	19.488	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	89100	19.783	ug/l	95
40) Benzene	8.32	78	196530	21.146	ug/l	98
41) Methacrylonitrile	7.49	41	15991	21.072	ug/l	94
42) 1,2-Dichloroethane	8.40	62	58940	21.585	ug/l	100
43) Isopropyl Acetate	8.43	43	54572	21.202	ug/l	99
44) Trichloroethene	9.09	130	59564	20.889	ug/l	97
45) 1,2-Dichloropropane	9.37	63	46457	20.889	ug/l	99
46) Dibromomethane	9.46	93	27822	21.949	ug/l	99
47) Bromodichloromethane	9.65	83	63002	20.501	ug/l	99
48) Methyl methacrylate	9.44	41	26216	21.488	ug/l	97
49) 1,4-Dioxane	9.48	88	9244	473.712	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	144051	111.701	ug/l	100
52) Toluene	10.39	92	131707	21.137	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	60015	19.601	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	71028	20.212	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	38549	21.732	ug/l	98
56) Ethyl methacrylate	10.65	69	46374	21.325	ug/l	97
57) 1,3-Dichloropropane	10.93	76	63759	21.713	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	90189	108.540	ug/l	99
59) 2-Hexanone	10.98	43	98745	107.265	ug/l	98
60) Dibromochloromethane	11.13	129	45651	20.661	ug/l	100
61) 1,2-Dibromoethane	11.24	107	38191	21.548	ug/l	98
64) Tetrachloroethene	10.87	164	56671	21.486	ug/l	98
65) Chlorobenzene	11.66	112	152588	20.979	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	53380	20.651	ug/l	99
67) Ethyl Benzene	11.74	91	261182	20.720	ug/l	99
68) m/p-Xylenes	11.84	106	205066	41.160	ug/l	99
69) o-Xylene	12.17	106	97332	20.499	ug/l	99
70) Styrene	12.18	104	159399	20.644	ug/l	99
71) Bromoform	12.35	173	28130	19.511	ug/l #	97
73) Isopropylbenzene	12.47	105	274072	20.462	ug/l	100
74) N-amyl acetate	12.28	43	54815	21.070	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	44226	21.709	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	35489m	24.507	ug/l	
77) Bromobenzene	12.75	156	68939	21.013	ug/l	100
78) n-propylbenzene	12.81	91	318408	20.433	ug/l	100
79) 2-Chlorotoluene	12.90	91	180910	20.662	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	230857	20.445	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10696	17.656	ug/l	92
82) 4-Chlorotoluene	12.99	91	190947	20.819	ug/l	100
83) tert-Butylbenzene	13.21	119	206969	20.487	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	235665	20.625	ug/l	100
85) sec-Butylbenzene	13.39	105	291919	20.453	ug/l	100
86) p-Isopropyltoluene	13.51	119	259470	20.099	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	134877	20.658	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	135874	20.901	ug/l	99
89) n-Butylbenzene	13.83	91	236744	20.053	ug/l	99
90) Hexachloroethane	14.10	117	42690	19.523	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	123872	21.269	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7693	21.091	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	91533	20.426	ug/l	99
94) Hexachlorobutadiene	15.24	225	57036	20.261	ug/l	100
95) Naphthalene	15.38	128	160724	21.561	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	81981	21.151	ug/l	100

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

