

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101618\
 Data File : VW006097.D
 Acq On : 17 Oct 2018 01:20
 Operator : VA/AP
 Sample : VW1016SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1016SBS02

Quant Time: Oct 17 02:17:16 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	251438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	374778	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	345252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	193638	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	108768	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
35) Dibromofluoromethane	7.89	113	111135	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	10.33	98	415898	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	12.62	95	156896	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	18824	15.129	ug/l	99
3) Chloromethane	2.21	50	30075	18.777	ug/l	98
4) Vinyl Chloride	2.37	62	45454	19.872	ug/l	98
5) Bromomethane	2.79	94	48647	23.384	ug/l	99
6) Chloroethane	2.93	64	34790	21.224	ug/l	98
7) Trichlorofluoromethane	3.26	101	38986	18.297	ug/l	98
8) Diethyl Ether	3.68	74	22894	20.217	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44581	19.964	ug/l	99
10) Methyl Iodide	4.27	142	78709	21.177	ug/l	99
11) Tert butyl alcohol	5.21	59	15854	113.085	ug/l #	84
12) 1,1-Dichloroethene	4.04	96	43777	20.838	ug/l	93
13) Acrolein	3.90	56	14254	105.073	ug/l	99
14) Allyl chloride	4.67	41	60488	20.137	ug/l	99
15) Acrylonitrile	5.37	53	46697	114.968	ug/l	99
16) Acetone	4.14	43	44360	104.834	ug/l	95
17) Carbon Disulfide	4.37	76	122973	19.395	ug/l	100
18) Methyl Acetate	4.68	43	24103	22.976	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	68766	21.491	ug/l	98
20) Methylene Chloride	4.91	84	54295	23.762	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	50080	21.356	ug/l	97
22) Diisopropyl ether	6.32	45	127966	21.557	ug/l	97
23) Vinyl Acetate	6.26	43	368193	105.101	ug/l	99
24) 1,1-Dichloroethane	6.21	63	83035	21.678	ug/l	98
25) 2-Butanone	7.18	43	63117	112.080	ug/l	98
26) 2,2-Dichloropropane	7.17	77	49909	18.474	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	57787	22.331	ug/l	97
28) Bromochloromethane	7.51	49	29092	19.674	ug/l	98
29) Tetrahydrofuran	7.54	42	40174	116.059	ug/l	98
30) Chloroform	7.68	83	90567	21.702	ug/l	98
31) Cyclohexane	7.96	56	75301	19.741	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	77471	20.580	ug/l	99
36) 1,1-Dichloropropene	8.09	75	70122	20.299	ug/l	100
37) Ethyl Acetate	7.26	43	27905	21.742	ug/l	100
38) Carbon Tetrachloride	8.07	117	72862	19.241	ug/l	98

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Quant Time: Oct 17 02:17:16 2018
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	88282	19.226	ug/l	96
40) Benzene	8.32	78	200060	21.113	ug/l	100
41) Methacrylonitrile	7.49	41	15631	20.203	ug/l	90
42) 1,2-Dichloroethane	8.40	62	60088	21.584	ug/l	100
43) Isopropyl Acetate	8.43	43	56009	21.343	ug/l	98
44) Trichloroethene	9.09	130	60082	20.667	ug/l	100
45) 1,2-Dichloropropane	9.37	63	46644	20.571	ug/l	97
46) Dibromomethane	9.46	93	27830	21.534	ug/l	100
47) Bromodichloromethane	9.65	83	63563	20.287	ug/l	100
48) Methyl methacrylate	9.44	41	26971	21.683	ug/l	97
49) 1,4-Dioxane	9.48	88	9076	456.189	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	144119	109.612	ug/l	100
52) Toluene	10.39	92	134330	21.145	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	61112	19.576	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	71800	20.040	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	38850	21.482	ug/l	98
56) Ethyl methacrylate	10.65	69	47591	21.466	ug/l	96
57) 1,3-Dichloropropane	10.93	76	64980	21.705	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	90154	106.418	ug/l	100
59) 2-Hexanone	10.98	43	100001	106.547	ug/l	100
60) Dibromochloromethane	11.13	129	45778	20.322	ug/l	100
61) 1,2-Dibromoethane	11.24	107	38914	21.535	ug/l	99
64) Tetrachloroethene	10.87	164	58647	21.882	ug/l	97
65) Chlorobenzene	11.66	112	155523	21.043	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	53385	20.325	ug/l	99
67) Ethyl Benzene	11.74	91	264721	20.668	ug/l	98
68) m/p-Xylenes	11.84	106	208494	41.183	ug/l	100
69) o-Xylene	12.17	106	100032	20.733	ug/l	99
70) Styrene	12.19	104	162182	20.671	ug/l	100
71) Bromoform	12.35	173	28347	19.349	ug/l #	97
73) Isopropylbenzene	12.47	105	277712	20.301	ug/l	99
74) N-amyl acetate	12.28	43	55231	20.787	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	45926	22.073	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	29690m	20.074	ug/l	
77) Bromobenzene	12.75	156	69942	20.874	ug/l	99
78) n-propylbenzene	12.81	91	322708	20.276	ug/l	99
79) 2-Chlorotoluene	12.90	91	183366	20.506	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	233608	20.257	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11438	18.486	ug/l	95
82) 4-Chlorotoluene	12.99	91	194053	20.716	ug/l	100
83) tert-Butylbenzene	13.21	119	209443	20.299	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	239650	20.536	ug/l	99
85) sec-Butylbenzene	13.39	105	294538	20.206	ug/l	100
86) p-Isopropyltoluene	13.51	119	266432	20.208	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	138012	20.696	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	136943	20.626	ug/l	100
89) n-Butylbenzene	13.83	91	240537	19.948	ug/l	99
90) Hexachloroethane	14.10	117	42943	19.229	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	125701	21.133	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7591	20.377	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	94095	20.559	ug/l	99
94) Hexachlorobutadiene	15.24	225	56727	19.731	ug/l	98
95) Naphthalene	15.38	128	163015	21.411	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	84776	21.415	ug/l	98

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

