

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006494.D
 Acq On : 30 Oct 2018 11:59
 Operator : SY/AP
 Sample : VW1031SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1031SBS02

Manual Integrations
 APPROVED

MMDadoda
 10/31/2018 12:31:34 PM

Quant Time: Oct 30 14:14:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	295244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	265937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	149083	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	77159	43.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.46%	
35) Dibromofluoromethane	7.88	113	84063	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
50) Toluene-d8	10.32	98	316844	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
62) 4-Bromofluorobenzene	12.62	95	118319	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	20213	18.974	ug/l	95
3) Chloromethane	2.21	50	27465	20.028	ug/l	96
4) Vinyl Chloride	2.37	62	42268	21.583	ug/l	99
5) Bromomethane	2.79	94	37528	21.069	ug/l	96
6) Chloroethane	2.93	64	31093	22.155	ug/l	94
7) Trichlorofluoromethane	3.26	101	39315	21.550	ug/l	96
8) Diethyl Ether	3.67	74	20851	21.505	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43867	22.944	ug/l	98
10) Methyl Iodide	4.26	142	70925	22.288	ug/l	98
11) Tert butyl alcohol	5.23	59	11120	92.640	ug/l #	93
12) 1,1-Dichloroethene	4.03	96	41400	23.016	ug/l	94
13) Acrolein	3.89	56	10598	91.245	ug/l	96
14) Allyl chloride	4.67	41	52694	20.488	ug/l	99
15) Acrylonitrile	5.37	53	35678	102.593	ug/l	99
16) Acetone	4.14	43	45304	128.082	ug/l	90
17) Carbon Disulfide	4.37	76	103437	19.054	ug/l	100
18) Methyl Acetate	4.68	43	17795	19.812	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	54892	20.036	ug/l	99
20) Methylene Chloride	4.91	84	45866	23.422	ug/l	91
21) trans-1,2-Dichloroethene	5.42	96	45648	22.736	ug/l	96
22) Diisopropyl ether	6.31	45	106251	20.905	ug/l	98
23) Vinyl Acetate	6.26	43	289387	96.481	ug/l	99
24) 1,1-Dichloroethane	6.21	63	75698	23.082	ug/l	99
25) 2-Butanone	7.18	43	52642	109.180	ug/l	97
26) 2,2-Dichloropropane	7.17	77	52240	22.585	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	51170	23.095	ug/l	98
28) Bromochloromethane	7.51	49	22567	17.824	ug/l	91
29) Tetrahydrofuran	7.54	42	28103	94.824	ug/l	99
30) Chloroform	7.68	83	82078	22.971	ug/l	100
31) Cyclohexane	7.95	56	67238	20.588	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	73645	22.849	ug/l	99
36) 1,1-Dichloropropene	8.09	75	65458	24.054	ug/l	99
37) Ethyl Acetate	7.26	43	21267	21.034	ug/l	99
38) Carbon Tetrachloride	8.07	117	70485	23.627	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	82397	22.778	ug/l	99
40) Benzene	8.32	78	180243	24.146	ug/l	100
41) Methacrylonitrile	7.49	41	13098	21.489	ug/l	98
42) 1,2-Dichloroethane	8.40	62	49938	22.770	ug/l	98
43) Isopropyl Acetate	8.43	43	40914	19.791	ug/l	97
44) Trichloroethene	9.09	130	56477	24.660	ug/l	96
45) 1,2-Dichloropropane	9.37	63	41656	23.320	ug/l	100
46) Dibromomethane	9.46	93	23315	22.901	ug/l	97
47) Bromodichloromethane	9.65	83	55468	22.472	ug/l	98
48) Methyl methacrylate	9.44	41	19160	19.553	ug/l	93
49) 1,4-Dioxane	9.48	88	6678	426.079	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	106466	102.787	ug/l	98
52) Toluene	10.39	92	121165	24.211	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	52953	21.532	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	62537	22.157	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	32925	23.110	ug/l	98
56) Ethyl methacrylate	10.65	69	35258	20.187	ug/l	98
57) 1,3-Dichloropropane	10.93	76	54160	22.964	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	71143	106.600	ug/l	98
59) 2-Hexanone	10.98	43	79681	107.767	ug/l	98
60) Dibromochloromethane	11.13	129	39292	22.141	ug/l	98
61) 1,2-Dibromoethane	11.24	107	32635	22.925	ug/l	98
64) Tetrachloroethene	10.87	164	50658	24.538	ug/l	98
65) Chlorobenzene	11.66	112	139782	24.554	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	48749	24.096	ug/l	99
67) Ethyl Benzene	11.73	91	239428	24.268	ug/l	99
68) m/p-Xylenes	11.84	106	189008	48.469	ug/l	97
69) o-Xylene	12.17	106	88318	23.764	ug/l	99
70) Styrene	12.18	104	142838	23.635	ug/l	99
71) Bromoform	12.35	173	23630	20.940	ug/l #	99
73) Isopropylbenzene	12.47	105	251303	23.860	ug/l	100
74) N-amyl acetate	12.28	43	39105	19.116	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	35796	22.346	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	27811m	24.423	ug/l	
77) Bromobenzene	12.75	156	61980	24.026	ug/l	96
78) n-propylbenzene	12.81	91	293645	23.964	ug/l	99
79) 2-Chlorotoluene	12.90	91	162152	23.553	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	211211	23.788	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9407	19.747	ug/l	96
82) 4-Chlorotoluene	12.99	91	171938	23.841	ug/l	100
83) tert-Butylbenzene	13.21	119	190057	23.925	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	214180	23.838	ug/l	100
85) sec-Butylbenzene	13.39	105	271553	24.197	ug/l	99
86) p-Isopropyltoluene	13.51	119	243248	23.963	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	125188	24.384	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	123611	24.182	ug/l	100
89) n-Butylbenzene	13.83	91	223284	24.052	ug/l	99
90) Hexachloroethane	14.10	117	38860	22.601	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	109658	23.945	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5510	19.211	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	82452	23.399	ug/l	99
94) Hexachlorobutadiene	15.24	225	54634	24.682	ug/l	99
95) Naphthalene	15.38	128	121463	20.722	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	69940	22.948	ug/l	99

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

