

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007078.D
 Acq On : 27 Nov 2018 09:47
 Operator : VAY/AP
 Sample : VW1126SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS02

Manual Integrations
 APPROVED

apatel
 11/27/2018 3:05:36 PM

Quant Time: Nov 27 12:33:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	121598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	189287	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	169142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	83860	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	63441	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	
35) Dibromofluoromethane	7.88	113	56587	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
50) Toluene-d8	10.32	98	243670	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
62) 4-Bromofluorobenzene	12.62	95	92385	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	27632	23.02	ug/l	97
3) Chloromethane	2.21	50	22137	22.13	ug/l	96
4) Vinyl Chloride	2.36	62	21398	21.74	ug/l	99
5) Bromomethane	2.78	94	12202	23.22	ug/l	97
6) Chloroethane	2.92	64	10867	20.03	ug/l	99
7) Trichlorofluoromethane	3.26	101	44855	23.17	ug/l	94
8) Diethyl Ether	3.68	74	13528	21.69	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	30224	24.08	ug/l	98
10) Methyl Iodide	4.27	142	22503	15.66	ug/l	99
11) Tert butyl alcohol	5.21	59	7726	99.69	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	24709	22.45	ug/l	91
13) Acrolein	3.91	56	7825	98.32	ug/l	100
14) Allyl chloride	4.67	41	40132	21.98	ug/l	99
15) Acrylonitrile	5.37	53	22939	97.85	ug/l	100
16) Acetone	4.15	43	17456	100.99	ug/l	97
17) Carbon Disulfide	4.38	76	78990	22.20	ug/l	100
18) Methyl Acetate	4.68	43	12036	19.55	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	63134	21.97	ug/l	98
20) Methylene Chloride	4.92	84	28264	16.95	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	28687	22.37	ug/l	97
22) Diisopropyl ether	6.32	45	77908	21.93	ug/l	99
23) Vinyl Acetate	6.26	43	219994	116.59	ug/l	97
24) 1,1-Dichloroethane	6.21	63	48177	22.29	ug/l	99
25) 2-Butanone	7.18	43	29814	100.71	ug/l	95
26) 2,2-Dichloropropane	7.17	77	48817	25.11	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	30601	22.41	ug/l	100
28) Bromochloromethane	7.51	49	15496	19.18	ug/l	96
29) Tetrahydrofuran	7.54	42	18871	98.43	ug/l	99
30) Chloroform	7.68	83	49794	21.68	ug/l	95
31) Cyclohexane	7.95	56	55592	24.25	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	50670	24.50	ug/l	100
36) 1,1-Dichloropropene	8.09	75	44324	23.96	ug/l	99
37) Ethyl Acetate	7.25	43	15170	22.63	ug/l	99
38) Carbon Tetrachloride	8.07	117	45295	25.57	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	52761	22.79	ug/l	98
40) Benzene	8.32	78	112520	22.54	ug/l	96
41) Methacrylonitrile	7.48	41	8828	21.21	ug/l	96
42) 1,2-Dichloroethane	8.40	62	31796	21.93	ug/l	100
43) Isopropyl Acetate	8.43	43	28762	22.52	ug/l	97
44) Trichloroethene	9.09	130	33415	23.87	ug/l	95
45) 1,2-Dichloropropane	9.37	63	27232	22.12	ug/l	98
46) Dibromomethane	9.46	93	13353	21.66	ug/l	99
47) Bromodichloromethane	9.65	83	36682	22.59	ug/l	99
48) Methyl methacrylate	9.44	41	12328	20.02	ug/l	98
49) 1,4-Dioxane	9.48	88	3652	398.64	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	64339	99.67	ug/l	99
52) Toluene	10.39	92	73522	21.64	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	34920	22.20	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	43417	22.84	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	19131	21.10	ug/l	98
56) Ethyl methacrylate	10.65	69	21502	20.43	ug/l	99
57) 1,3-Dichloropropane	10.93	76	32704	21.52	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	59204	107.63	ug/l	99
59) 2-Hexanone	10.97	43	44092	99.75	ug/l	97
60) Dibromochloromethane	11.13	129	23850	23.08	ug/l	98
61) 1,2-Dibromoethane	11.24	107	17429	21.01	ug/l	98
64) Tetrachloroethene	10.87	164	25667	23.59	ug/l	94
65) Chlorobenzene	11.66	112	76426	21.65	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	25133	23.53	ug/l	99
67) Ethyl Benzene	11.73	91	141068	21.75	ug/l	99
68) m/p-Xylenes	11.84	106	110256	43.33	ug/l	97
69) o-Xylene	12.17	106	51072	21.29	ug/l	94
70) Styrene	12.18	104	81076	21.23	ug/l	98
71) Bromoform	12.35	173	11267	22.40	ug/l #	96
73) Isopropylbenzene	12.47	105	149391	22.92	ug/l	98
74) N-amyl acetate	12.27	43	22980	21.04	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	19014	21.92	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	14267m	21.65	ug/l	
77) Bromobenzene	12.75	156	30154	21.54	ug/l	98
78) n-propylbenzene	12.81	91	169804	21.51	ug/l	99
79) 2-Chlorotoluene	12.90	91	100084	21.99	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	125388	22.25	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	5841	22.25	ug/l	97
82) 4-Chlorotoluene	12.99	91	104404	21.86	ug/l	100
83) tert-Butylbenzene	13.21	119	107582	22.05	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	124600	22.19	ug/l	99
85) sec-Butylbenzene	13.39	105	149881	21.74	ug/l	97
86) p-Isopropyltoluene	13.51	119	135051	22.21	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	63382	22.18	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	59812	20.99	ug/l	97
89) n-Butylbenzene	13.83	91	123714	21.62	ug/l	99
90) Hexachloroethane	14.10	117	20931	23.57	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	55068	21.99	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3135	21.40	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	32938	19.95	ug/l	97
94) Hexachlorobutadiene	15.24	225	20105	22.40	ug/l	95
95) Naphthalene	15.38	128	57766	19.27	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	28142	20.54	ug/l	97

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

