

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007066.D
 Acq On : 27 Nov 2018 01:20
 Operator : VAY/AP
 Sample : VW1126SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS02

Manual Integrations
 APPROVED

apatel
 11/27/2018 3:03:40 PM

Quant Time: Nov 27 07:32:33 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	110491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	180994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	166463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	85063	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	61275	56.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.30%	
35) Dibromofluoromethane	7.88	113	54213	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
50) Toluene-d8	10.32	98	226540	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.62	95	89832	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	24162	22.15	ug/l	99
3) Chloromethane	2.21	50	19705	21.67	ug/l	98
4) Vinyl Chloride	2.35	62	18486	20.67	ug/l	97
5) Bromomethane	2.76	94	10330	21.64	ug/l	100
6) Chloroethane	2.91	64	10247	20.78	ug/l	98
7) Trichlorofluoromethane	3.26	101	37433	21.28	ug/l	100
8) Diethyl Ether	3.68	74	13438	23.71	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	23832	20.90	ug/l	98
10) Methyl Iodide	4.26	142	24224	18.56	ug/l	97
11) Tert butyl alcohol	5.20	59	9977m	141.68	ug/l	
12) 1,1-Dichloroethene	4.04	96	21632	21.63	ug/l	99
13) Acrolein	3.90	56	7846	108.49	ug/l	97
14) Allyl chloride	4.67	41	35935	21.66	ug/l	98
15) Acrylonitrile	5.38	53	25715	120.72	ug/l	99
16) Acetone	4.14	43	19633	125.01	ug/l	97
17) Carbon Disulfide	4.38	76	71279	22.05	ug/l	100
18) Methyl Acetate	4.68	43	12979	23.21	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	66243	25.37	ug/l	99
20) Methylene Chloride	4.92	84	27994	19.02	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	26492	22.74	ug/l	93
22) Diisopropyl ether	6.31	45	75628	23.42	ug/l	97
23) Vinyl Acetate	6.26	43	215996	125.98	ug/l	100
24) 1,1-Dichloroethane	6.21	63	43462	22.13	ug/l	100
25) 2-Butanone	7.18	43	32153	119.53	ug/l	95
26) 2,2-Dichloropropane	7.17	77	36470	20.65	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	28188	22.72	ug/l	97
28) Bromochloromethane	7.51	49	15852	21.59	ug/l	99
29) Tetrahydrofuran	7.53	42	20882	119.87	ug/l	99
30) Chloroform	7.68	83	46434	22.25	ug/l	99
31) Cyclohexane	7.95	56	45350	21.77	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	42429	22.57	ug/l	99
36) 1,1-Dichloropropene	8.09	75	39206	22.17	ug/l	99
37) Ethyl Acetate	7.26	43	16013	24.98	ug/l	97
38) Carbon Tetrachloride	8.07	117	37714	22.27	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	46257	20.90	ug/l	99
40) Benzene	8.32	78	106103	22.22	ug/l	100
41) Methacrylonitrile	7.49	41	9637	24.21	ug/l #	88
42) 1,2-Dichloroethane	8.40	62	30403	21.93	ug/l	99
43) Isopropyl Acetate	8.43	43	29501	24.15	ug/l	98
44) Trichloroethene	9.09	130	31316	23.40	ug/l	91
45) 1,2-Dichloropropane	9.37	63	26623	22.62	ug/l	99
46) Dibromomethane	9.46	93	13691	23.23	ug/l	99
47) Bromodichloromethane	9.65	83	35896	23.12	ug/l	94
48) Methyl methacrylate	9.43	41	13542	22.99	ug/l	93
49) 1,4-Dioxane	9.47	88	3605	411.54	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	70561	114.32	ug/l	98
52) Toluene	10.39	92	67930	20.91	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	34466	22.91	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	41609	22.90	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	20624	23.78	ug/l	98
56) Ethyl methacrylate	10.65	69	23557	23.40	ug/l	99
57) 1,3-Dichloropropane	10.93	76	34074	23.45	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	63141	120.05	ug/l	99
59) 2-Hexanone	10.97	43	46802	110.73	ug/l	99
60) Dibromochloromethane	11.13	129	23687	23.97	ug/l	99
61) 1,2-Dibromoethane	11.24	107	19013	23.97	ug/l	98
64) Tetrachloroethene	10.87	164	24465	22.85	ug/l	97
65) Chlorobenzene	11.66	112	75586	21.76	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	25082	23.86	ug/l	97
67) Ethyl Benzene	11.73	91	134408	21.06	ug/l	99
68) m/p-Xylenes	11.84	106	105105	41.97	ug/l	99
69) o-Xylene	12.17	106	49444	20.94	ug/l	99
70) Styrene	12.18	104	80626	21.45	ug/l	99
71) Bromoform	12.35	173	12064	24.37	ug/l #	96
73) Isopropylbenzene	12.47	105	135886	20.55	ug/l	99
74) N-amyl acetate	12.27	43	25561	23.07	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	20807	23.65	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	15524m	23.22	ug/l	
77) Bromobenzene	12.75	156	30805	21.69	ug/l	96
78) n-propylbenzene	12.81	91	161783	20.20	ug/l	99
79) 2-Chlorotoluene	12.90	91	94882	20.55	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	116849	20.44	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	5909	22.19	ug/l	94
82) 4-Chlorotoluene	12.99	91	98990	20.43	ug/l	99
83) tert-Butylbenzene	13.21	119	101696	20.55	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	119201	20.93	ug/l	99
85) sec-Butylbenzene	13.39	105	140138	20.04	ug/l	98
86) p-Isopropyltoluene	13.51	119	125929	20.41	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	61351	21.16	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	60267	20.85	ug/l	98
89) n-Butylbenzene	13.83	91	116976	20.15	ug/l	99
90) Hexachloroethane	14.10	117	19525	21.68	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	53890	21.22	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3448	23.20	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	35031	20.92	ug/l	100
94) Hexachlorobutadiene	15.24	225	18507	20.33	ug/l	98
95) Naphthalene	15.37	128	65301	21.48	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	29927	21.54	ug/l	100

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

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