

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112718\
 Data File : VW007084.D
 Acq On : 27 Nov 2018 13:48
 Operator : VAY/AP
 Sample : VW1127SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1127SBS01

Manual Integrations
 APPROVED

apatel
 11/28/2018 11:47:20 AM

Quant Time: Nov 28 00:50:33 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	110646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	171021	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	156204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	76773	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	57027	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
35) Dibromofluoromethane	7.88	113	51190	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
50) Toluene-d8	10.32	98	219414	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.62	95	83990	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.00	85	26199	23.98	ug/l	98
3) Chloromethane	2.21	50	20273	22.27	ug/l	95
4) Vinyl Chloride	2.36	62	19917	22.23	ug/l	96
5) Bromomethane	2.78	94	11394	23.83	ug/l	87
6) Chloroethane	2.92	64	10347	20.95	ug/l	98
7) Trichlorofluoromethane	3.26	101	40353	22.91	ug/l	98
8) Diethyl Ether	3.69	74	11959	21.07	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	26480	23.19	ug/l	99
10) Methyl Iodide	4.28	142	22795	17.44	ug/l	99
11) Tert butyl alcohol	5.20	59	8021m	113.74	ug/l	
12) 1,1-Dichloroethene	4.04	96	22663	22.63	ug/l	97
13) Acrolein	3.90	56	6845	94.52	ug/l	98
14) Allyl chloride	4.67	41	35610	21.44	ug/l	98
15) Acrylonitrile	5.38	53	21205	99.41	ug/l	97
16) Acetone	4.15	43	16030	101.92	ug/l	92
17) Carbon Disulfide	4.38	76	69015	21.31	ug/l	96
18) Methyl Acetate	4.68	43	10660	19.03	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	57296	21.91	ug/l	97
20) Methylene Chloride	4.92	84	26678	17.81	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	25894	22.20	ug/l	96
22) Diisopropyl ether	6.31	45	70853	21.91	ug/l	97
23) Vinyl Acetate	6.26	43	193158	112.50	ug/l	99
24) 1,1-Dichloroethane	6.22	63	42038	21.37	ug/l	98
25) 2-Butanone	7.18	43	27093	100.58	ug/l	99
26) 2,2-Dichloropropane	7.17	77	42714	24.15	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	26840	21.60	ug/l	98
28) Bromochloromethane	7.51	49	14092	19.17	ug/l	99
29) Tetrahydrofuran	7.54	42	17692	101.41	ug/l	98
30) Chloroform	7.68	83	44683	21.38	ug/l	99
31) Cyclohexane	7.96	56	48322	23.16	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	44246	23.51	ug/l	99
36) 1,1-Dichloropropene	8.09	75	39266	23.50	ug/l	99
37) Ethyl Acetate	7.25	43	13448	22.21	ug/l	99
38) Carbon Tetrachloride	8.07	117	39094	24.43	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	46409	22.19	ug/l	95
40) Benzene	8.32	78	101110	22.41	ug/l	97
41) Methacrylonitrile	7.49	41	8927	23.74	ug/l #	86
42) 1,2-Dichloroethane	8.40	62	28694	21.91	ug/l	99
43) Isopropyl Acetate	8.43	43	24832	21.52	ug/l	98
44) Trichloroethene	9.09	130	29873	23.62	ug/l	91
45) 1,2-Dichloropropane	9.37	63	24188	21.75	ug/l	100
46) Dibromomethane	9.46	93	11811	21.21	ug/l	98
47) Bromodichloromethane	9.65	83	32865	22.40	ug/l	98
48) Methyl methacrylate	9.44	41	12358	22.21	ug/l	93
49) 1,4-Dioxane	9.48	88	3409	411.85	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	55591	95.32	ug/l	97
52) Toluene	10.39	92	65649	21.38	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	32125	22.60	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	37775	22.00	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	18466	22.54	ug/l	97
56) Ethyl methacrylate	10.65	69	19894	20.92	ug/l	100
57) 1,3-Dichloropropane	10.93	76	29669	21.61	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	49813	100.23	ug/l	97
59) 2-Hexanone	10.97	43	38849	97.27	ug/l	96
60) Dibromochloromethane	11.13	129	21523	23.05	ug/l	97
61) 1,2-Dibromoethane	11.24	107	16303	21.75	ug/l	96
64) Tetrachloroethene	10.86	164	22248	22.14	ug/l	95
65) Chlorobenzene	11.66	112	71236	21.85	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	22236	22.55	ug/l	97
67) Ethyl Benzene	11.73	91	130503	21.79	ug/l	99
68) m/p-Xylenes	11.84	106	103183	43.91	ug/l	95
69) o-Xylene	12.17	106	49882	22.51	ug/l	95
70) Styrene	12.18	104	78736	22.33	ug/l	99
71) Bromoform	12.35	173	10674	22.97	ug/l #	100
73) Isopropylbenzene	12.47	105	132335	22.18	ug/l	99
74) N-amyl acetate	12.27	43	21938	21.94	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	17420	21.94	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	10589m	17.55	ug/l	
77) Bromobenzene	12.75	156	29195	22.78	ug/l	93
78) n-propylbenzene	12.81	91	161004	22.28	ug/l	99
79) 2-Chlorotoluene	12.90	91	95222	22.85	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	117054	22.69	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	5027	20.92	ug/l	96
82) 4-Chlorotoluene	12.99	91	96439	22.05	ug/l	99
83) tert-Butylbenzene	13.21	119	102271	22.89	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	113672	22.11	ug/l	95
85) sec-Butylbenzene	13.39	105	140768	22.31	ug/l	98
86) p-Isopropyltoluene	13.51	119	123669	22.21	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	59264	22.65	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	60364	23.14	ug/l	97
89) n-Butylbenzene	13.83	91	115550	22.05	ug/l	98
90) Hexachloroethane	14.10	117	18487	22.74	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	51901	22.64	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2842	21.19	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	33264	22.00	ug/l	97
94) Hexachlorobutadiene	15.24	225	18482	22.49	ug/l	98
95) Naphthalene	15.37	128	54782	19.96	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	26861	21.42	ug/l	97

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

