

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112718\
 Data File : VW007085.D
 Acq On : 27 Nov 2018 14:13
 Operator : VAY/AP
 Sample : VW1127SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1127SBS01

Manual Integrations
 APPROVED

apatel
 11/28/2018 11:47:24 AM

Quant Time: Nov 28 00:52:09 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	107531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	164171	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	148582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77809	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	53345	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
35) Dibromofluoromethane	7.89	113	48611	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
50) Toluene-d8	10.33	98	202238	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.62	95	77680	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	25504	24.02	ug/l	98
3) Chloromethane	2.21	50	19425	21.95	ug/l	98
4) Vinyl Chloride	2.36	62	18880	21.69	ug/l	94
5) Bromomethane	2.78	94	10462	22.52	ug/l	89
6) Chloroethane	2.92	64	10480	21.84	ug/l	94
7) Trichlorofluoromethane	3.26	101	39243	22.93	ug/l	98
8) Diethyl Ether	3.69	74	12091	21.92	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	25849	23.29	ug/l	100
10) Methyl Iodide	4.27	142	23574	18.56	ug/l	98
11) Tert butyl alcohol	5.22	59	7297	106.47	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	21737	22.33	ug/l	94
13) Acrolein	3.90	56	7005	99.53	ug/l	98
14) Allyl chloride	4.68	41	34418	21.32	ug/l	98
15) Acrylonitrile	5.38	53	22685	109.43	ug/l	97
16) Acetone	4.15	43	16637	108.85	ug/l	95
17) Carbon Disulfide	4.38	76	66748	21.21	ug/l	98
18) Methyl Acetate	4.68	43	11082	20.36	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	57507	22.63	ug/l	99
20) Methylene Chloride	4.93	84	25873	17.76	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	24701	21.79	ug/l	98
22) Diisopropyl ether	6.32	45	67550	21.50	ug/l	97
23) Vinyl Acetate	6.26	43	194339	116.47	ug/l	97
24) 1,1-Dichloroethane	6.23	63	40802	21.35	ug/l	99
25) 2-Butanone	7.18	43	28634	109.38	ug/l	96
26) 2,2-Dichloropropane	7.17	77	40455	23.53	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	25899	21.45	ug/l	99
28) Bromochloromethane	7.52	49	14145	19.80	ug/l	99
29) Tetrahydrofuran	7.54	42	18278	107.81	ug/l	100
30) Chloroform	7.68	83	43080	21.21	ug/l	99
31) Cyclohexane	7.96	56	46382	22.88	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	43174	23.60	ug/l	99
36) 1,1-Dichloropropene	8.09	75	37712	23.51	ug/l	99
37) Ethyl Acetate	7.26	43	13319	22.91	ug/l	98
38) Carbon Tetrachloride	8.07	117	37747	24.57	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	44593	22.21	ug/l	93
40) Benzene	8.33	78	96951	22.39	ug/l	98
41) Methacrylonitrile	7.49	41	8226	22.78	ug/l	97
42) 1,2-Dichloroethane	8.40	62	28217	22.44	ug/l	100
43) Isopropyl Acetate	8.43	43	25183	22.73	ug/l	98
44) Trichloroethene	9.09	130	28515	23.49	ug/l	95
45) 1,2-Dichloropropane	9.37	63	24416	22.87	ug/l	92
46) Dibromomethane	9.46	93	12337	23.08	ug/l	97
47) Bromodichloromethane	9.65	83	32533	23.10	ug/l	100
48) Methyl methacrylate	9.44	41	11818	22.12	ug/l	99
49) 1,4-Dioxane	9.48	88	3387	426.27	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	61395	109.66	ug/l	98
52) Toluene	10.39	92	64645	21.93	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	30875	22.63	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	37785	22.92	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	17551	22.31	ug/l	97
56) Ethyl methacrylate	10.65	69	20696	22.67	ug/l	96
57) 1,3-Dichloropropane	10.93	76	28693	21.77	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	49292	103.32	ug/l	100
59) 2-Hexanone	10.97	43	42688	111.34	ug/l	98
60) Dibromochloromethane	11.13	129	20506	22.88	ug/l	99
61) 1,2-Dibromoethane	11.24	107	15611	21.70	ug/l	97
64) Tetrachloroethene	10.87	164	22078	23.10	ug/l	95
65) Chlorobenzene	11.66	112	68351	22.04	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	21805	23.24	ug/l	97
67) Ethyl Benzene	11.74	91	125106	21.96	ug/l	99
68) m/p-Xylenes	11.84	106	99337	44.44	ug/l	99
69) o-Xylene	12.17	106	46797	22.20	ug/l	97
70) Styrene	12.18	104	74292	22.15	ug/l	98
71) Bromoform	12.35	173	10528	23.82	ug/l #	97
73) Isopropylbenzene	12.47	105	128040	21.17	ug/l	99
74) N-amyl acetate	12.27	43	21754	21.46	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	16877	20.97	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	10827m	17.71	ug/l	
77) Bromobenzene	12.75	156	27979	21.54	ug/l	96
78) n-propylbenzene	12.81	91	154289	21.06	ug/l	99
79) 2-Chlorotoluene	12.90	91	88588	20.97	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	111672	21.35	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	5144	21.12	ug/l	95
82) 4-Chlorotoluene	12.99	91	92705	20.92	ug/l	99
83) tert-Butylbenzene	13.21	119	95908	21.18	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	112413	21.58	ug/l	99
85) sec-Butylbenzene	13.39	105	140886	22.03	ug/l	100
86) p-Isopropyltoluene	13.51	119	124305	22.03	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	57701	21.76	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	55587	21.03	ug/l	97
89) n-Butylbenzene	13.83	91	114224	21.51	ug/l	98
90) Hexachloroethane	14.10	117	18217	22.11	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	49681	21.38	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2987	21.98	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	32374	21.13	ug/l	100
94) Hexachlorobutadiene	15.24	225	18377	22.06	ug/l	95
95) Naphthalene	15.38	128	55468	19.94	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	26723	21.02	ug/l	98

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

