

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120518\
 Data File : VW007232.D
 Acq On : 05 Dec 2018 15:47
 Operator : SY/AP
 Sample : VW1205SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS01

Manual Integrations
 APPROVED

apatel
 12/6/2018 12:55:53 PM

Quant Time: Dec 06 06:38:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	103623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	155441	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	147769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	75160	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	51291	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
35) Dibromofluoromethane	7.88	113	49275	55.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.72%	
50) Toluene-d8	10.32	98	213616	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	
62) 4-Bromofluorobenzene	12.62	95	82495	55.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	25388	22.394	ug/l	100
3) Chloromethane	2.21	50	28660	19.962	ug/l	99
4) Vinyl Chloride	2.35	62	19098	21.245	ug/l	98
5) Bromomethane	2.75	94	11761	26.109	ug/l	89
6) Chloroethane	2.91	64	10496	20.810	ug/l	97
7) Trichlorofluoromethane	3.26	101	37523	21.410	ug/l	97
8) Diethyl Ether	3.68	74	10013	20.497	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	22117	20.891	ug/l	99
10) Methyl Iodide	4.27	142	13336	14.787	ug/l	100
11) Tert butyl alcohol	5.16	59	10124	98.462	ug/l	95
12) 1,1-Dichloroethene	4.04	96	20580	20.743	ug/l	99
13) Acrolein	3.90	56	6876	101.714	ug/l	98
14) Allyl chloride	4.68	41	31542	19.833	ug/l	99
15) Acrylonitrile	5.37	53	21051	103.078	ug/l	99
16) Acetone	4.12	43	22127	96.880	ug/l	97
17) Carbon Disulfide	4.38	76	64962	19.863	ug/l	97
18) Methyl Acetate	4.67	43	10801	20.718	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	48614	20.811	ug/l	99
20) Methylene Chloride	4.92	84	25224	18.662	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	22673	20.466	ug/l	98
22) Diisopropyl ether	6.31	45	59464	20.829	ug/l	95
23) Vinyl Acetate	6.26	43	161676	103.786	ug/l	99
24) 1,1-Dichloroethane	6.22	63	37757	20.634	ug/l	99
25) 2-Butanone	7.18	43	25704	97.086	ug/l	99
26) 2,2-Dichloropropane	7.17	77	36063	20.509	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	24395	20.541	ug/l	99
28) Bromochloromethane	7.52	49	13263	20.101	ug/l	99
29) Tetrahydrofuran	7.54	42	16326	99.788	ug/l	98
30) Chloroform	7.68	83	39426	20.732	ug/l	99
31) Cyclohexane	7.96	56	38772	20.251	ug/l	94
32) 1,1,1-Trichloroethane	7.88	97	38178	21.333	ug/l	98
36) 1,1-Dichloropropene	8.09	75	33220	21.964	ug/l	99
37) Ethyl Acetate	7.26	43	11468	20.961	ug/l	99
38) Carbon Tetrachloride	8.07	117	33485	21.691	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	41708	20.600	ug/l	99
40) Benzene	8.33	78	88916	21.439	ug/l	97
41) Methacrylonitrile	7.49	41	6104	18.627	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	25343	21.864	ug/l	100
43) Isopropyl Acetate	8.43	43	21970	20.676	ug/l	100
44) Trichloroethene	9.09	130	25369	21.761	ug/l	93
45) 1,2-Dichloropropane	9.37	63	20500	21.241	ug/l	99
46) Dibromomethane	9.46	93	10955	21.844	ug/l	96
47) Bromodichloromethane	9.65	83	28921	21.923	ug/l	99
48) Methyl methacrylate	9.44	41	10903	19.770	ug/l	94
49) 1,4-Dioxane	9.45	88	3678	419.823	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	54375	103.841	ug/l	100
52) Toluene	10.39	92	63006	21.839	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	29100	21.941	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	34357	22.104	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	15530	21.770	ug/l	98
56) Ethyl methacrylate	10.65	69	20161	21.666	ug/l	96
57) 1,3-Dichloropropane	10.93	76	26266	21.809	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	43553	116.527	ug/l	99
59) 2-Hexanone	10.97	43	40334	106.255	ug/l	99
60) Dibromochloromethane	11.13	129	19128	21.817	ug/l	96
61) 1,2-Dibromoethane	11.24	107	15201	22.217	ug/l	97
64) Tetrachloroethene	10.87	164	21891	20.277	ug/l	95
65) Chlorobenzene	11.66	112	69823	21.157	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.73	131	21733	21.323	ug/l	99
67) Ethyl Benzene	11.73	91	127675	21.226	ug/l	96
68) m/p-Xylenes	11.84	106	101148	42.865	ug/l	99
69) o-Xylene	12.17	106	47276	21.444	ug/l	98
70) Styrene	12.18	104	76389	21.167	ug/l	98
71) Bromoform	12.35	173	10821	21.209	ug/l #	98
73) Isopropylbenzene	12.47	105	131038	21.436	ug/l	100
74) N-amyl acetate	12.27	43	23084	21.299	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	17226	21.698	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	11022m	18.939	ug/l	
77) Bromobenzene	12.75	156	27731	21.016	ug/l	99
78) n-propylbenzene	12.81	91	155882	21.404	ug/l	97
79) 2-Chlorotoluene	12.90	91	87799	21.348	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	110778	21.183	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	5616	20.799	ug/l	92
82) 4-Chlorotoluene	12.99	91	93130	21.286	ug/l	97
83) tert-Butylbenzene	13.21	119	97503	21.335	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	112213	21.021	ug/l	96
85) sec-Butylbenzene	13.39	105	137508	21.076	ug/l	99
86) p-Isopropyltoluene	13.51	119	122822	21.147	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	57432	21.202	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	57142	20.884	ug/l	98
89) n-Butylbenzene	13.83	91	114789	21.150	ug/l	99
90) Hexachloroethane	14.10	117	17936	20.265	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	51453	21.942	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3147	20.462	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	33876	20.845	ug/l	98
94) Hexachlorobutadiene	15.24	225	18151	20.712	ug/l	97
95) Naphthalene	15.38	128	59755	20.517	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	27454	20.035	ug/l	99

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

