

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120518\
 Data File : VW007257.D
 Acq On : 06 Dec 2018 04:31
 Operator : SY/AP
 Sample : VW1205SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS02

Manual Integrations
 APPROVED

apatel
 12/6/2018 12:56:22 PM

Quant Time: Dec 06 07:27:47 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	90870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	147589	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	133146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	65049	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	47806	56.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.02%	
35) Dibromofluoromethane	7.88	113	45248	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
50) Toluene-d8	10.33	98	188734	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.62	95	68927	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	21354	21.479	ug/l	99
3) Chloromethane	2.21	50	25881	20.556	ug/l	99
4) Vinyl Chloride	2.36	62	16951	21.503	ug/l	99
5) Bromomethane	2.75	94	10436	26.419	ug/l	99
6) Chloroethane	2.91	64	9504	21.488	ug/l	93
7) Trichlorofluoromethane	3.26	101	32393	21.077	ug/l	97
8) Diethyl Ether	3.69	74	10097	23.569	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	18562	19.993	ug/l	97
10) Methyl Iodide	4.28	142	16748	21.176	ug/l	100
11) Tert butyl alcohol	5.16	59	9175	102.441	ug/l	98
12) 1,1-Dichloroethene	4.04	96	18293	21.025	ug/l	92
13) Acrolein	3.90	56	5560	93.790	ug/l	100
14) Allyl chloride	4.67	41	29459	21.123	ug/l	98
15) Acrylonitrile	5.37	53	20163	112.585	ug/l	99
16) Acetone	4.12	43	16381	81.788	ug/l	98
17) Carbon Disulfide	4.38	76	56733	19.782	ug/l	96
18) Methyl Acetate	4.68	43	11162	24.415	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	47748	23.309	ug/l	98
20) Methylene Chloride	4.92	84	25611	22.526	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	21117	21.737	ug/l	98
22) Diisopropyl ether	6.32	45	55793	22.285	ug/l	98
23) Vinyl Acetate	6.26	43	150110	109.885	ug/l	97
24) 1,1-Dichloroethane	6.22	63	36215	22.569	ug/l	99
25) 2-Butanone	7.17	43	23242	100.107	ug/l	99
26) 2,2-Dichloropropane	7.18	77	29969	19.435	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	23632	22.692	ug/l	99
28) Bromochloromethane	7.52	49	12956	22.392	ug/l	98
29) Tetrahydrofuran	7.53	42	16047	111.847	ug/l	100
30) Chloroform	7.68	83	38364	23.005	ug/l	97
31) Cyclohexane	7.96	56	32744	19.503	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	35431	22.576	ug/l	99
36) 1,1-Dichloropropene	8.09	75	29393	20.468	ug/l	99
37) Ethyl Acetate	7.26	43	11365	21.878	ug/l	99
38) Carbon Tetrachloride	8.07	117	29035	19.809	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	36530	19.002	ug/l	97
40) Benzene	8.32	78	83740	21.265	ug/l	98
41) Methacrylonitrile	7.49	41	7002	22.504	ug/l	99
42) 1,2-Dichloroethane	8.40	62	24783	22.519	ug/l	100
43) Isopropyl Acetate	8.43	43	21782	21.590	ug/l	98
44) Trichloroethene	9.09	130	24349	21.997	ug/l	95
45) 1,2-Dichloropropane	9.37	63	19517	21.298	ug/l	97
46) Dibromomethane	9.46	93	10714	22.500	ug/l	95
47) Bromodichloromethane	9.65	83	27735	22.143	ug/l	97
48) Methyl methacrylate	9.44	41	10465	19.986	ug/l	94
49) 1,4-Dioxane	9.45	88	3633	436.749	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	51837	104.260	ug/l	99
52) Toluene	10.39	92	58539	21.370	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	26956	21.406	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	31766	21.525	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	15409	22.750	ug/l	91
56) Ethyl methacrylate	10.65	69	18826	21.308	ug/l	99
57) 1,3-Dichloropropane	10.93	76	24809	21.695	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	41417	116.707	ug/l	100
59) 2-Hexanone	10.97	43	35818	99.379	ug/l	96
60) Dibromochloromethane	11.13	129	17757	21.331	ug/l	99
61) 1,2-Dibromoethane	11.24	107	14824	22.819	ug/l	93
64) Tetrachloroethene	10.87	164	21670	22.276	ug/l	95
65) Chlorobenzene	11.66	112	62218	20.923	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.73	131	20090	21.876	ug/l	98
67) Ethyl Benzene	11.73	91	111551	20.582	ug/l	99
68) m/p-Xylenes	11.84	106	90540	42.583	ug/l	98
69) o-Xylene	12.17	106	43177	21.735	ug/l	99
70) Styrene	12.18	104	69379	21.335	ug/l	99
71) Bromoform	12.35	173	10049	21.859	ug/l	# 99
73) Isopropylbenzene	12.47	105	114959	21.729	ug/l	100
74) N-amyl acetate	12.27	43	20762	22.134	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	15667	22.801	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	12763m	25.340	ug/l	
77) Bromobenzene	12.75	156	26372	23.093	ug/l	96
78) n-propylbenzene	12.81	91	132297	20.989	ug/l	98
79) 2-Chlorotoluene	12.90	91	79007	22.197	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	97869	21.624	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	4507	19.286	ug/l	89
82) 4-Chlorotoluene	12.99	91	80163	21.170	ug/l	100
83) tert-Butylbenzene	13.21	119	87624	22.154	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	97592	21.123	ug/l	94
85) sec-Butylbenzene	13.39	105	117977	20.894	ug/l	100
86) p-Isopropyltoluene	13.51	119	104400	20.769	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	51224	21.850	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	52349	22.106	ug/l	98
89) n-Butylbenzene	13.83	91	98841	21.043	ug/l	95
90) Hexachloroethane	14.10	117	16311	21.294	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	45511	22.424	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3101	23.297	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	29017	20.631	ug/l	98
94) Hexachlorobutadiene	15.24	225	15756	20.774	ug/l	98
95) Naphthalene	15.37	128	52120	20.677	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	24701	20.828	ug/l	100

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

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