

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007206.D
 Acq On : 05 Dec 2018 01:26
 Operator : SY/AP
 Sample : VW1204SBSD02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBSD02

Manual Integrations
 APPROVED

apatel
 12/5/2018 12:44:28 PM

Quant Time: Dec 05 07:41:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	102127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	162139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	148588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	77638	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	51325	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	
35) Dibromofluoromethane	7.88	113	47714	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
50) Toluene-d8	10.33	98	208153	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.62	95	78093	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	23244	20.803	ug/l	100
3) Chloromethane	2.21	50	29508	20.854	ug/l	100
4) Vinyl Chloride	2.35	62	17637	19.907	ug/l	97
5) Bromomethane	2.75	94	10549	23.762	ug/l	99
6) Chloroethane	2.90	64	10271	20.662	ug/l	98
7) Trichlorofluoromethane	3.25	101	34158	19.776	ug/l	97
8) Diethyl Ether	3.68	74	10976	22.797	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	20122	19.285	ug/l	99
10) Methyl Iodide	4.28	142	16134	18.151	ug/l	99
11) Tert butyl alcohol	5.17	59	15452m	163.718	ug/l	
12) 1,1-Dichloroethene	4.04	96	19265	19.702	ug/l	93
13) Acrolein	3.90	56	7591	113.936	ug/l	98
14) Allyl chloride	4.67	41	31265	19.947	ug/l	99
15) Acrylonitrile	5.37	53	24391	121.182	ug/l	99
16) Acetone	4.12	43	20870	92.715	ug/l	96
17) Carbon Disulfide	4.38	76	62926	19.523	ug/l	97
18) Methyl Acetate	4.67	43	13169	25.630	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	52727	22.902	ug/l	100
20) Methylene Chloride	4.92	84	26421	20.199	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	22142	20.279	ug/l	96
22) Diisopropyl ether	6.31	45	60517	21.508	ug/l	95
23) Vinyl Acetate	6.26	43	169821	110.612	ug/l	100
24) 1,1-Dichloroethane	6.22	63	37125	20.586	ug/l	100
25) 2-Butanone	7.18	43	27939	107.073	ug/l	96
26) 2,2-Dichloropropane	7.17	77	31165	17.983	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	24556	20.980	ug/l	99
28) Bromochloromethane	7.51	49	14260	21.929	ug/l	100
29) Tetrahydrofuran	7.53	42	20128	124.828	ug/l	99
30) Chloroform	7.68	83	39174	20.901	ug/l	98
31) Cyclohexane	7.96	56	35430	18.777	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	35384	20.061	ug/l	99
36) 1,1-Dichloropropene	8.09	75	30641	19.422	ug/l	99
37) Ethyl Acetate	7.26	43	13362	23.414	ug/l	99
38) Carbon Tetrachloride	8.07	117	29932	18.588	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	38696	18.322	ug/l	97
40) Benzene	8.33	78	87181	20.152	ug/l	97
41) Methacrylonitrile	7.49	41	8557	25.034	ug/l	98
42) 1,2-Dichloroethane	8.40	62	25832	21.366	ug/l	98
43) Isopropyl Acetate	8.43	43	25601	23.098	ug/l	99
44) Trichloroethene	9.09	130	24226	19.922	ug/l	98
45) 1,2-Dichloropropane	9.37	63	21268	21.126	ug/l	99
46) Dibromomethane	9.46	93	11443	21.875	ug/l	98
47) Bromodichloromethane	9.65	83	28157	20.463	ug/l	95
48) Methyl methacrylate	9.44	41	13644	23.719	ug/l	97
49) 1,4-Dioxane	9.45	88	4286	469.013	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	63764	116.741	ug/l	99
52) Toluene	10.39	92	59140	19.652	ug/l	96
53) t-1,3-Dichloropropene	10.60	75	28755	20.785	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	33349	20.569	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	15997	21.499	ug/l	95
56) Ethyl methacrylate	10.65	69	22250	22.923	ug/l	98
57) 1,3-Dichloropropane	10.93	76	26294	20.931	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	47934	122.950	ug/l	99
59) 2-Hexanone	10.97	43	44881	113.350	ug/l	95
60) Dibromochloromethane	11.13	129	19435	21.251	ug/l	97
61) 1,2-Dibromoethane	11.24	107	15609	21.871	ug/l	99
64) Tetrachloroethene	10.87	164	23127	21.303	ug/l	96
65) Chlorobenzene	11.66	112	68119	20.527	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.73	131	21538	21.015	ug/l	96
67) Ethyl Benzene	11.74	91	119259	19.718	ug/l	98
68) m/p-Xylenes	11.84	106	94840	39.970	ug/l	100
69) o-Xylene	12.17	106	43906	19.805	ug/l	91
70) Styrene	12.18	104	73886	20.360	ug/l	98
71) Bromoform	12.35	173	11184	21.799	ug/l #	98
73) Isopropylbenzene	12.47	105	116932	18.518	ug/l	98
74) N-amyl acetate	12.27	43	23655	21.129	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	18770	22.888	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	11277m	9.666	ug/l	
77) Bromobenzene	12.75	156	26774	19.643	ug/l	99
78) n-propylbenzene	12.81	91	138725	18.440	ug/l	99
79) 2-Chlorotoluene	12.90	91	84068	19.789	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	104329	19.313	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	5987	21.465	ug/l	97
82) 4-Chlorotoluene	12.99	91	88928	19.677	ug/l	96
83) tert-Butylbenzene	13.21	119	90960	19.268	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	101966	18.491	ug/l	94
85) sec-Butylbenzene	13.39	105	127789	18.962	ug/l	98
86) p-Isopropyltoluene	13.51	119	115184	19.199	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	55420	19.806	ug/l	95
88) 1,4-Dichlorobenzene	13.58	146	52931	18.728	ug/l	96
89) n-Butylbenzene	13.83	91	103429	18.449	ug/l	98
90) Hexachloroethane	14.10	117	16516	18.065	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	47129	19.456	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3260	20.520	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	30836	18.369	ug/l	99
94) Hexachlorobutadiene	15.24	225	16217	17.915	ug/l	96
95) Naphthalene	15.38	128	61542	20.456	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	26044	18.399	ug/l	98

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

