

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007180.D
 Acq On : 04 Dec 2018 11:38
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

apatel
 12/5/2018 12:43:29 PM

Quant Time: Dec 05 00:56:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 00:43:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	121390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	190098	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	170261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	85565	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	10841	9.59	ug/l	0.00
Spiked Amount			Recovery	=	19.18%	
35) Dibromofluoromethane	7.88	113	10407	9.56	ug/l	0.00
Spiked Amount			Recovery	=	19.12%	
50) Toluene-d8	10.33	98	48345	10.08	ug/l	0.00
Spiked Amount			Recovery	=	20.16%	
62) 4-Bromofluorobenzene	12.62	95	18160	10.03	ug/l	0.00
Spiked Amount			Recovery	=	20.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	15313	11.530	ug/l	99
3) Chloromethane	2.21	50	19320	11.487	ug/l	99
4) Vinyl Chloride	2.36	62	11488	10.909	ug/l	95
5) Bromomethane	2.76	94	5721	10.842	ug/l	90
6) Chloroethane	2.92	64	6469	10.949	ug/l	93
7) Trichlorofluoromethane	3.26	101	20932	10.195	ug/l	94
8) Diethyl Ether	3.68	74	5450	9.523	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	12392	9.992	ug/l	96
10) Methyl Iodide	4.27	142	9552	9.041	ug/l	97
11) Tert butyl alcohol	5.16	59	6535	49.542	ug/l #	83
12) 1,1-Dichloroethene	4.04	96	11681	10.050	ug/l	92
13) Acrolein	3.90	56	3624	45.762	ug/l	97
14) Allyl chloride	4.68	41	19250	10.333	ug/l	98
15) Acrylonitrile	5.37	53	10853	45.364	ug/l	99
16) Acetone	4.12	43	11942	44.634	ug/l	90
17) Carbon Disulfide	4.39	76	37951	9.906	ug/l	100
18) Methyl Acetate	4.67	43	5659	9.266	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	25612	9.359	ug/l	98
20) Methylene Chloride	4.92	84	19144	12.032	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	12976	9.999	ug/l	94
22) Diisopropyl ether	6.31	45	33685	10.072	ug/l	93
23) Vinyl Acetate	6.26	43	86579	47.444	ug/l	98
24) 1,1-Dichloroethane	6.22	63	21221	9.900	ug/l	97
25) 2-Butanone	7.17	43	14067	45.355	ug/l	93
26) 2,2-Dichloropropane	7.17	77	21212	10.297	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	14108	10.141	ug/l	99
28) Bromochloromethane	7.51	49	7605	9.839	ug/l	99
29) Tetrahydrofuran	7.53	42	8562	44.673	ug/l	99
30) Chloroform	7.68	83	22102	9.921	ug/l	99
31) Cyclohexane	7.96	56	23926	10.668	ug/l #	92
32) 1,1,1-Trichloroethane	7.88	97	21312	10.166	ug/l	99
36) 1,1-Dichloropropene	8.09	75	18541	10.024	ug/l	99
37) Ethyl Acetate	7.26	43	6130	9.162	ug/l	99
38) Carbon Tetrachloride	8.07	117	19355	10.252	ug/l	95

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39) Methylcyclohexane	9.34	83	25141	10.153	ug/l	98
40) Benzene	8.33	78	51198	10.094	ug/l	98
41) Methacrylonitrile	7.49	41	4210	10.505	ug/l	92
42) 1,2-Dichloroethane	8.40	62	13848	9.769	ug/l	100
43) Isopropyl Acetate	8.42	43	11488	8.840	ug/l	98
44) Trichloroethene	9.10	130	14264	10.005	ug/l	93
45) 1,2-Dichloropropane	9.37	63	11480	9.726	ug/l	96
46) Dibromomethane	9.46	93	5791	9.442	ug/l	98
47) Bromodichloromethane	9.65	83	16228	10.059	ug/l	99
48) Methyl methacrylate	9.44	41	6499	9.636	ug/l	95
49) 1,4-Dioxane	9.45	88	2218	207.016	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	28353	44.275	ug/l	99
52) Toluene	10.39	92	36643	10.386	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	14698	9.062	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	18156	9.551	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	8343	9.563	ug/l	92
56) Ethyl methacrylate	10.65	69	10318	9.067	ug/l #	90
57) 1,3-Dichloropropane	10.93	76	13790	9.363	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	21713	47.502	ug/l	100
59) 2-Hexanone	10.97	43	20302	43.733	ug/l	97
60) Dibromochloromethane	11.13	129	10008	9.334	ug/l	99
61) 1,2-Dibromoethane	11.24	107	7861	9.395	ug/l	96
64) Tetrachloroethene	10.87	164	12420	9.984	ug/l	96
65) Chlorobenzene	11.66	112	39670	10.432	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.73	131	11481	9.776	ug/l	97
67) Ethyl Benzene	11.74	91	69699	10.057	ug/l	98
68) m/p-Xylenes	11.84	106	54272	19.961	ug/l	93
69) o-Xylene	12.17	106	25894	10.194	ug/l	95
70) Styrene	12.18	104	42555	10.234	ug/l	99
71) Bromoform	12.35	173	5349	9.099	ug/l #	99
73) Isopropylbenzene	12.47	105	71443	10.266	ug/l	99
74) N-amyl acetate	12.27	43	11628	9.424	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	9027	9.988	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	6997m	6.084	ug/l	
77) Bromobenzene	12.75	156	15675	10.435	ug/l	95
78) n-propylbenzene	12.81	91	88256	10.645	ug/l	95
79) 2-Chlorotoluene	12.90	91	49752	10.626	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	61568	10.341	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	2858	9.298	ug/l	97
82) 4-Chlorotoluene	12.99	91	50890	10.217	ug/l	99
83) tert-Butylbenzene	13.21	119	53544	10.291	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	62347	10.259	ug/l	95
85) sec-Butylbenzene	13.39	105	78829	10.613	ug/l	96
86) p-Isopropyltoluene	13.51	119	69095	10.450	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	32032	10.387	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	31445	10.095	ug/l	96
89) n-Butylbenzene	13.83	91	65297	10.568	ug/l	97
90) Hexachloroethane	14.10	117	10230	10.153	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	27279	10.218	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1662	9.492	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	18026	9.743	ug/l	98
94) Hexachlorobutadiene	15.24	225	10430	10.454	ug/l	96
95) Naphthalene	15.38	128	30833	9.299	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	15116	9.690	ug/l	99

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

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