

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005890.D
 Acq On : 08 Oct 2018 12:14
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

apatel
 10/9/2018 4:12:08 PM

Quant Time: Oct 09 02:08:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 01:57:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	347784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	510713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	466305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	253979	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	243190	72.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.06%	
35) Dibromofluoromethane	7.88	113	236525	72.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	145.08%	
50) Toluene-d8	10.33	98	914973	72.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	145.86%	
62) 4-Bromofluorobenzene	12.62	95	349255	73.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	146.34%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	132854	77.95	ug/l	97
3) Chloromethane	2.21	50	138111	68.89	ug/l	98
4) Vinyl Chloride	2.37	62	240439	75.55	ug/l	97
5) Bromomethane	2.78	94	187672	74.72	ug/l	97
6) Chloroethane	2.93	64	150440	74.19	ug/l	99
7) Trichlorofluoromethane	3.26	101	177352	70.20	ug/l	97
8) Diethyl Ether	3.68	74	116069	74.65	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	228563	71.69	ug/l	99
10) Methyl Iodide	4.27	142	379506	72.79	ug/l	99
11) Tert butyl alcohol	5.21	59	84247	340.48	ug/l #	94
12) 1,1-Dichloroethene	4.03	96	218365	71.32	ug/l	99
13) Acrolein	3.89	56	71622	324.82	ug/l	98
14) Allyl chloride	4.67	41	369517	70.78	ug/l	100
15) Acrylonitrile	5.37	53	246333	364.05	ug/l	99
16) Acetone	4.14	43	223667	331.67	ug/l	96
17) Carbon Disulfide	4.38	76	687135	74.24	ug/l	99
18) Methyl Acetate	4.68	43	128679	75.61	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	342759	71.96	ug/l	100
20) Methylene Chloride	4.92	84	223396	66.12	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	243986	73.12	ug/l	99
22) Diisopropyl ether	6.32	45	706615	72.40	ug/l	98
23) Vinyl Acetate	6.26	43	2185579	363.83	ug/l	100
24) 1,1-Dichloroethane	6.21	63	432653	72.44	ug/l	99
25) 2-Butanone	7.18	43	337522	351.89	ug/l	100
26) 2,2-Dichloropropane	7.17	77	285895	68.01	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	271347	71.91	ug/l	100
28) Bromochloromethane	7.51	49	147890	67.08	ug/l	99
29) Tetrahydrofuran	7.54	42	217361	358.48	ug/l	100
30) Chloroform	7.68	83	443759	72.33	ug/l	99
31) Cyclohexane	7.96	56	405609	68.62	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	390818	71.53	ug/l	99
36) 1,1-Dichloropropene	8.09	75	357487	73.05	ug/l	99
37) Ethyl Acetate	7.26	43	147183	71.02	ug/l	99
38) Carbon Tetrachloride	8.07	117	386271	73.47	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	477660	74.00	ug/l	99
40) Benzene	8.32	78	976629	72.92	ug/l	99
41) Methacrylonitrile	7.49	41	92071	70.97	ug/l	96
42) 1,2-Dichloroethane	8.40	62	295526	73.03	ug/l	100
43) Isopropyl Acetate	8.43	43	318713	73.62	ug/l	99
44) Trichloroethene	9.09	130	286415	73.70	ug/l	97
45) 1,2-Dichloropropane	9.37	63	244607	72.96	ug/l	97
46) Dibromomethane	9.46	93	134452	72.97	ug/l	100
47) Bromodichloromethane	9.65	83	338446	72.99	ug/l	97
48) Methyl methacrylate	9.44	41	151876	73.65	ug/l	98
49) 1,4-Dioxane	9.47	88	41697	1489.80	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	781046	370.51	ug/l	100
52) Toluene	10.39	92	637965	72.50	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	357186	73.71	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	395140	72.54	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	183548	71.92	ug/l	98
56) Ethyl methacrylate	10.65	69	251470	73.11	ug/l	100
57) 1,3-Dichloropropane	10.93	76	311205	72.48	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	484296	346.02	ug/l	99
59) 2-Hexanone	10.97	43	548948	363.19	ug/l	100
60) Dibromochloromethane	11.13	129	243170	73.84	ug/l	100
61) 1,2-Dibromoethane	11.24	107	186080	72.96	ug/l	99
64) Tetrachloroethene	10.87	164	252714	72.75	ug/l	100
65) Chlorobenzene	11.66	112	722484	72.33	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	270016	73.75	ug/l	99
67) Ethyl Benzene	11.74	91	1274250	72.23	ug/l	98
68) m/p-Xylenes	11.84	106	1000723	145.15	ug/l	100
69) o-Xylene	12.17	106	480072	72.73	ug/l	100
70) Styrene	12.18	104	798844	72.94	ug/l	100
71) Bromoform	12.35	173	162485	74.51	ug/l #	99
73) Isopropylbenzene	12.47	105	1336203	72.04	ug/l	100
74) N-amyl acetate	12.27	43	320391	72.73	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	218676	71.93	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	168294m	43.29	ug/l	
77) Bromobenzene	12.75	156	321919	73.25	ug/l	100
78) n-propylbenzene	12.81	91	1576352	72.25	ug/l	100
79) 2-Chlorotoluene	12.90	91	889545	72.22	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1134380	72.44	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	78534	73.08	ug/l	99
82) 4-Chlorotoluene	12.99	91	948225	73.17	ug/l	100
83) tert-Butylbenzene	13.21	119	1010361	72.54	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1149176	72.75	ug/l	100
85) sec-Butylbenzene	13.39	105	1420422	72.65	ug/l	100
86) p-Isopropyltoluene	13.51	119	1275303	72.54	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	634816	72.71	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	626592	72.22	ug/l	100
89) n-Butylbenzene	13.83	91	1210026	73.01	ug/l	99
90) Hexachloroethane	14.10	117	241544	73.05	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	570033	73.54	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	41132	72.60	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	437318	72.76	ug/l	100
94) Hexachlorobutadiene	15.24	225	271875	72.47	ug/l	99
95) Naphthalene	15.38	128	766052	73.95	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	380524	73.12	ug/l	100

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

