

Data File : VW009016.D
Acq On : 06 Mar 2019 12:34
Operator : SY/VA
Sample : VSTDIC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
3/8/2019 12:07:07 AM

Quant Time: Mar 07 07:12:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030619S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 06:55:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	306069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	445550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	439605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	245884	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	318727	103.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.60%	
35) Dibromofluoromethane	7.88	113	279172	104.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.18%	
50) Toluene-d8	10.32	98	1144049	103.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.58%	
62) 4-Bromofluorobenzene	12.62	95	445384	104.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.26%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	275305	90.547	ug/l	99
3) Chloromethane	2.21	50	382396	99.850	ug/l	98
4) Vinyl Chloride	2.36	62	385897	100.553	ug/l	98
5) Bromomethane	2.76	94	330069	97.940	ug/l	97
6) Chloroethane	2.91	64	277897	102.127	ug/l	96
7) Trichlorofluoromethane	3.25	101	488648	98.845	ug/l	100
8) Diethyl Ether	3.68	74	157645	102.157	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	302624	98.649	ug/l	98
10) Methyl Iodide	4.27	142	367560	126.929	ug/l	99
11) Tert butyl alcohol	5.18	59	100810	448.832	ug/l	100
12) 1,1-Dichloroethene	4.04	96	269106	100.673	ug/l	96
13) Acrolein	3.90	56	120542	478.741	ug/l	100
14) Allyl chloride	4.67	41	490914	106.225	ug/l	98
15) Acrylonitrile	5.37	53	340487	515.374	ug/l	100
16) Acetone	4.13	43	322453	511.549	ug/l	100
17) Carbon Disulfide	4.38	76	933712	104.228	ug/l	98
18) Methyl Acetate	4.67	43	154080	107.166	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	728362	105.257	ug/l	98
20) Methylene Chloride	4.92	84	307538	83.335	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	312369	102.161	ug/l	94
22) Diisopropyl ether	6.31	45	975518	105.710	ug/l	97
23) Vinyl Acetate	6.26	43	3087282	537.145	ug/l	98
24) 1,1-Dichloroethane	6.21	63	552466	102.961	ug/l	97
25) 2-Butanone	7.17	43	466119	519.532	ug/l	99
26) 2,2-Dichloropropane	7.17	77	483862	98.580	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	337303	104.789	ug/l	100
28) Bromochloromethane	7.51	49	238076	102.213	ug/l	98
29) Tetrahydrofuran	7.53	42	301410	534.748	ug/l	99
30) Chloroform	7.67	83	573944	104.472	ug/l	100
31) Cyclohexane	7.95	56	504091	91.354	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	505567	100.191	ug/l	99
36) 1,1-Dichloropropene	8.08	75	435146	98.222	ug/l	100
37) Ethyl Acetate	7.25	43	200682	102.412	ug/l	98
38) Carbon Tetrachloride	8.07	117	456389	99.548	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	546272	102.071	ug/l	97
40) Benzene	8.32	78	1194568	99.968	ug/l	98
41) Methacrylonitrile	7.48	41	119674	102.962	ug/l	94
42) 1,2-Dichloroethane	8.40	62	392637	102.375	ug/l	99
43) Isopropyl Acetate	8.43	43	407493	105.785	ug/l	99
44) Trichloroethene	9.09	130	325245	97.615	ug/l	96
45) 1,2-Dichloropropane	9.37	63	297358	100.378	ug/l	97
46) Dibromomethane	9.46	93	167982	102.786	ug/l	98
47) Bromodichloromethane	9.64	83	419658	102.431	ug/l	98
48) Methyl methacrylate	9.43	41	196539	107.976	ug/l	96
49) 1,4-Dioxane	9.46	88	40323	1804.859	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	1043921	535.903	ug/l	100
52) Toluene	10.39	92	827355	102.562	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	437194	107.575	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	488300	105.248	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	222989	100.458	ug/l	96
56) Ethyl methacrylate	10.65	69	306604	111.667	ug/l	97
57) 1,3-Dichloropropane	10.93	76	395912	101.427	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	781576	536.449	ug/l	99
59) 2-Hexanone	10.97	43	743597	543.000	ug/l	99
60) Dibromochloromethane	11.13	129	285361	105.842	ug/l	99
61) 1,2-Dibromoethane	11.23	107	219876	104.509	ug/l	98
64) Tetrachloroethene	10.86	164	297630	98.056	ug/l	95
65) Chlorobenzene	11.66	112	914863	100.263	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	313876	102.428	ug/l	99
67) Ethyl Benzene	11.73	91	1711888	103.475	ug/l	100
68) m/p-Xylenes	11.84	106	1358538	208.110	ug/l	100
69) o-Xylene	12.16	106	638632	104.797	ug/l	98
70) Styrene	12.18	104	1066896	108.072	ug/l	99
71) Bromoform	12.35	173	174368	106.795	ug/l	97
73) Isopropylbenzene	12.46	105	1781056	105.824	ug/l	100
74) N-amyl acetate	12.27	43	453389	113.152	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	270212	102.933	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	195211m	73.458	ug/l	
77) Bromobenzene	12.75	156	391818	102.837	ug/l	97
78) n-propylbenzene	12.80	91	2185736	105.785	ug/l	99
79) 2-Chlorotoluene	12.90	91	1218039	104.404	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1536957	106.408	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	88995	110.688	ug/l	98
82) 4-Chlorotoluene	12.99	91	1304845	105.148	ug/l	99
83) tert-Butylbenzene	13.21	119	1307996	105.098	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1571387	106.269	ug/l	100
85) sec-Butylbenzene	13.38	105	1907941	105.091	ug/l	100
86) p-Isopropyltoluene	13.50	119	1757408	107.544	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	834046	102.253	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	817467	101.047	ug/l	99
89) n-Butylbenzene	13.83	91	1666036	107.688	ug/l	100
90) Hexachloroethane	14.10	117	291716	104.202	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	724324	101.496	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	48117	100.284	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030619\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	503950	103.126	ug/l	99
94) Hexachlorobutadiene	15.24	225	301066	96.926	ug/l	98
95) Naphthalene	15.37	128	877514	110.751	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	426271	100.750	ug/l	98

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

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