

Data File : VW005547.D
Acq On : 20 Sep 2018 23:11
Operator : SY/AP
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

apatel
10/2/2018 12:28:33 PM

Quant Time: Sep 21 05:56:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 21 04:37:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	249140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	381954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	183951	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	437016	163.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	326.78%	
35) Dibromofluoromethane	7.89	113	360960	163.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	326.62%	
50) Toluene-d8	10.33	98	1497223	151.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	303.62%	
62) 4-Bromofluorobenzene	12.62	95	551856	152.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	213227	92.956	ug/l	97
3) Chloromethane	2.21	50	280305	100.427	ug/l	99
4) Vinyl Chloride	2.37	62	333113	123.116	ug/l	100
5) Bromomethane	2.78	94	225518	113.507	ug/l	97
6) Chloroethane	2.92	64	210597	130.618	ug/l	99
7) Trichlorofluoromethane	3.26	101	272440	80.363	ug/l	97
8) Diethyl Ether	3.68	74	178413	160.360	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	324036	148.717	ug/l	100
10) Methyl Iodide	4.26	142	521491	216.637	ug/l	99
11) Tert butyl alcohol	5.22	59	117578	640.284	ug/l	99
12) 1,1-Dichloroethene	4.03	96	318106	159.668	ug/l	95
13) Acrolein	3.90	56	73964	613.166	ug/l	100
14) Allyl chloride	4.67	41	595825	162.190	ug/l	99
15) Acrylonitrile	5.37	53	407698	808.164	ug/l	99
16) Acetone	4.14	43	348577	801.680	ug/l	98
17) Carbon Disulfide	4.37	76	980282	142.694	ug/l	100
18) Methyl Acetate	4.68	43	210065	165.889	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	531667	106.969	ug/l	99
20) Methylene Chloride	4.91	84	351489	113.169	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	355846	150.714	ug/l	99
22) Diisopropyl ether	6.32	45	1184825	164.955	ug/l	98
23) Vinyl Acetate	6.26	43	3557720	867.026	ug/l	100
24) 1,1-Dichloroethane	6.21	63	685141	156.006	ug/l	99
25) 2-Butanone	7.18	43	532210	839.663	ug/l	100
26) 2,2-Dichloropropane	7.17	77	432603	114.987	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	405249	157.728	ug/l	99
28) Bromochloromethane	7.51	49	264809	154.897	ug/l	99
29) Tetrahydrofuran	7.54	42	351527	867.693	ug/l	100
30) Chloroform	7.68	83	705852	154.837	ug/l	99
31) Cyclohexane	7.96	56	616652	147.058	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	606677	145.703	ug/l	99
36) 1,1-Dichloropropene	8.09	75	548834	149.368	ug/l	100
37) Ethyl Acetate	7.26	43	241782	160.548	ug/l	99
38) Carbon Tetrachloride	8.07	117	578945	150.227	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	677627	159.056	ug/l	99
40) Benzene	8.33	78	1555829	146.987	ug/l	100
41) Methacrylonitrile	7.49	41	150516	166.852	ug/l	97
42) 1,2-Dichloroethane	8.40	62	502388	150.214	ug/l	99
43) Isopropyl Acetate	8.43	43	503633	172.395	ug/l	99
44) Trichloroethene	9.10	130	403004	147.884	ug/l	97
45) 1,2-Dichloropropane	9.37	63	391880	153.775	ug/l	100
46) Dibromomethane	9.46	93	195638	155.347	ug/l	100
47) Bromodichloromethane	9.65	83	537199	157.905	ug/l	99
48) Methyl methacrylate	9.44	41	250617	173.435	ug/l	97
49) 1,4-Dioxane	9.48	88	62668	3061.035	ug/l #	99
51) 4-Methyl-2-Pentanone	10.22	43	1263762	845.781	ug/l	98
52) Toluene	10.39	92	1005689	142.394	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	568458	166.873	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	638202	165.547	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	282044	151.650	ug/l	98
56) Ethyl methacrylate	10.65	69	399631	171.651	ug/l	99
57) 1,3-Dichloropropane	10.94	76	503395	157.122	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	867656	819.438	ug/l	99
59) 2-Hexanone	10.98	43	885941	873.724	ug/l	99
60) Dibromochloromethane	11.13	129	352633	157.820	ug/l	99
61) 1,2-Dibromoethane	11.24	107	267184	159.640	ug/l	99
64) Tetrachloroethene	10.87	164	353281	140.271	ug/l	99
65) Chlorobenzene	11.66	112	1068550	146.166	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	396699	166.037	ug/l	99
67) Ethyl Benzene	11.74	91	1964529	152.768	ug/l	99
68) m/p-Xylenes	11.85	106	1489934	301.725	ug/l	100
69) o-Xylene	12.17	106	710293	154.513	ug/l	100
70) Styrene	12.19	104	1199492	157.481	ug/l	99
71) Bromoform	12.35	173	218629	173.216	ug/l #	100
73) Isopropylbenzene	12.47	105	2009967	155.095	ug/l	100
74) N-amyl acetate	12.28	43	489004	177.953	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	323955	167.880	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	231639m	151.091	ug/l	
77) Bromobenzene	12.75	156	447614	146.556	ug/l	98
78) n-propylbenzene	12.81	91	2362698	151.121	ug/l	99
79) 2-Chlorotoluene	12.90	91	1366968	148.744	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1694808	150.326	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	113926	189.465	ug/l	96
82) 4-Chlorotoluene	12.99	91	1433378	147.633	ug/l	100
83) tert-Butylbenzene	13.21	119	1457126	155.388	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1720588	150.178	ug/l	100
85) sec-Butylbenzene	13.39	105	2055284	151.673	ug/l	100
86) p-Isopropyltoluene	13.51	119	1849795	152.558	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	878761	141.681	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	874864	143.434	ug/l	100
89) n-Butylbenzene	13.83	91	1742370	154.486	ug/l	99
90) Hexachloroethane	14.10	117	329159	157.166	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	790297	146.057	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	62830	171.690	ug/l	97

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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	585470	160.910	ug/l	100
94) Hexachlorobutadiene	15.24	225	349394	147.795	ug/l	99
95) Naphthalene	15.38	128	1088100	178.509	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	515636	161.760	ug/l	99

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

