

Data File : VW003253.D
Acq On : 13 Jun 2018 18:41
Operator : VA/AP
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

apatel
6/14/2018 10:03:45 AM

Quant Time: Jun 14 08:14:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 14 07:51:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	295800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	463178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	429270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	219276	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	496461	169.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	339.82%	
35) Dibromofluoromethane	7.89	113	448668	164.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	328.08%	
50) Toluene-d8	10.33	98	1814722	170.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	341.70%	
62) 4-Bromofluorobenzene	12.63	95	650254	168.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	337.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	146075	170.058	ug/l	92
3) Chloromethane	2.21	50	308210	135.902	ug/l	94
4) Vinyl Chloride	2.36	62	461008	131.478	ug/l	100
5) Bromomethane	2.78	94	312918	123.313	ug/l	97
6) Chloroethane	2.92	64	341042	128.652	ug/l	98
7) Trichlorofluoromethane	3.25	101	261351	133.142	ug/l	96
8) Diethyl Ether	3.67	74	210336	135.301	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	390765	147.805	ug/l	99
10) Methyl Iodide	4.26	142	602105	138.823	ug/l	99
11) Tert butyl alcohol	5.25	59	136804	715.220	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	386163	145.030	ug/l	98
13) Acrolein	3.90	56	173082	867.372	ug/l	100
14) Allyl chloride	4.66	41	706428	159.959	ug/l	99
15) Acrylonitrile	5.38	53	459589	763.975	ug/l	99
16) Acetone	4.15	43	465927	798.763	ug/l	100
17) Carbon Disulfide	4.37	76	1124665	140.025	ug/l	99
18) Methyl Acetate	4.68	43	237968	158.477	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	766430	153.048	ug/l	99
20) Methylene Chloride	4.91	84	410166	138.995	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	429790	148.174	ug/l	99
22) Diisopropyl ether	6.32	45	1471116	163.392	ug/l	99
23) Vinyl Acetate	6.26	43	4394836	829.252	ug/l	100
24) 1,1-Dichloroethane	6.21	63	823531	155.208	ug/l	98
25) 2-Butanone	7.18	43	656993	821.161	ug/l	98
26) 2,2-Dichloropropane	7.17	77	509303	155.664	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	485479	152.373	ug/l	99
28) Bromochloromethane	7.51	49	384989	179.812	ug/l	99
29) Tetrahydrofuran	7.54	42	408869	792.413	ug/l	100
30) Chloroform	7.68	83	836294	153.340	ug/l	99
31) Cyclohexane	7.96	56	715420	142.780	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	679818	153.875	ug/l	99
36) 1,1-Dichloropropene	8.09	75	647097	148.656	ug/l	100
37) Ethyl Acetate	7.26	43	277293	144.945	ug/l	100
38) Carbon Tetrachloride	8.07	117	647421	152.379	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	787066	152.633	ug/l	99
40) Benzene	8.33	78	1819560	149.280	ug/l	100
41) Methacrylonitrile	7.49	41	183640	167.382	ug/l	97
42) 1,2-Dichloroethane	8.40	62	561613	148.196	ug/l	99
43) Isopropyl Acetate	8.43	43	582691	157.506	ug/l	99
44) Trichloroethene	9.10	130	477236	145.483	ug/l	99
45) 1,2-Dichloropropane	9.37	63	466500	152.433	ug/l	98
46) Dibromomethane	9.46	93	239550	146.451	ug/l	99
47) Bromodichloromethane	9.65	83	630061	157.738	ug/l	99
48) Methyl methacrylate	9.44	41	285322	162.266	ug/l	98
49) 1,4-Dioxane	9.49	88	71371	2815.448	ug/l	83
51) 4-Methyl-2-Pentanone	10.22	43	1503733	799.801	ug/l	99
52) Toluene	10.40	92	1193204	152.567	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	668011	162.396	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	748251	159.924	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	341074	150.899	ug/l	99
56) Ethyl methacrylate	10.65	69	467773	166.975	ug/l	98
57) 1,3-Dichloropropane	10.94	76	593635	152.048	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	962887	753.569	ug/l	99
59) 2-Hexanone	10.98	43	1062204	830.190	ug/l	99
60) Dibromochloromethane	11.13	129	424552	156.197	ug/l	100
61) 1,2-Dibromoethane	11.24	107	325031	149.244	ug/l	100
64) Tetrachloroethene	10.87	164	414017	136.192	ug/l	98
65) Chlorobenzene	11.66	112	1304643	147.806	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	469588	152.520	ug/l	99
67) Ethyl Benzene	11.74	91	2401510	153.848	ug/l	100
68) m/p-Xylenes	11.85	106	1812373	303.704	ug/l	98
69) o-Xylene	12.17	106	865300	153.763	ug/l	100
70) Styrene	12.19	104	1468470	156.275	ug/l	99
71) Bromoform	12.35	173	257843	156.710	ug/l	# 100
73) Isopropylbenzene	12.47	105	2403603	158.348	ug/l	100
74) N-amyl acetate	12.28	43	595674	170.293	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	396985	153.536	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	285898m	147.019	ug/l	
77) Bromobenzene	12.76	156	539913	150.877	ug/l	98
78) n-propylbenzene	12.81	91	2876588	158.700	ug/l	100
79) 2-Chlorotoluene	12.90	91	1607586	156.088	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1978688	156.314	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	135702	177.005	ug/l	97
82) 4-Chlorotoluene	13.00	91	1693474	154.020	ug/l	100
83) tert-Butylbenzene	13.21	119	1705911	153.103	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	2031066	155.341	ug/l	100
85) sec-Butylbenzene	13.40	105	2472827	156.243	ug/l	100
86) p-Isopropyltoluene	13.51	119	2207334	155.977	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	1080762	150.012	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	1049308	145.826	ug/l	100
89) n-Butylbenzene	13.84	91	2128565	158.956	ug/l	99
90) Hexachloroethane	14.10	117	400329	159.285	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	947359	147.676	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	68319	153.832	ug/l	98

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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	15.15	180	684859	149.949	ug/l	100
94) Hexachlorobutadiene	15.25	225	388851	145.296	ug/l	98
95) Naphthalene	15.38	128	1250013	154.748	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	595229	148.067	ug/l	99

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

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