Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012420\
Data File : VW014737.D
Acq On : 24 Jan 2020 10:59
Operator : SY/VA
Sample : VSTDICC010
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 24 12:45:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 24 12:36:03 2020
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : VSTDICC010

Manual Integrations APPROVED
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1/27/2020 12:04:36 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	727331	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	1109890	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	957963	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	469646	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.30	65	69799	10.77	ug/l		0.00
Spiked Amount 50.000			Recovery = 21.54%				
35) Dibromofluoromethane	7.88	113	65471	10.23	ug/l		0.00
Spiked Amount 50.000			Recovery = 20.46%				
50) Toluene-d8	10.32	98	268256	10.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 20.04%				
62) 4-Bromofluorobenzene	12.62	95	89684	9.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 19.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	44805	10.424	ug/l		100
3) Chloromethane	2.21	50	68529	12.961	ug/l		98
4) Vinyl Chloride	2.35	62	103653	13.239	ug/l		94
5) Bromomethane	2.77	94	56745	11.950	ug/l		89
6) Chloroethane	2.92	64	55752	12.567	ug/l		94
7) Trichlorofluoromethane	3.25	101	47712	12.275	ug/l		95
8) Diethyl Ether	3.68	74	36773	9.934	ug/l		98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	78188	11.152	ug/l		98
10) Methyl Iodide	4.26	142	103044	9.826	ug/l		99
11) Tert butyl alcohol	5.16	59	24952	46.157	ug/l		97
12) 1,1-Dichloroethene	4.04	96	77165	10.521	ug/l		97
13) Acrolein	3.89	56	29085	54.629	ug/l		100
14) Allyl chloride	4.66	41	125029	11.006	ug/l		98
15) Acrylonitrile	5.36	53	84806	50.713	ug/l		99
16) Acetone	4.12	43	88491	50.046	ug/l		98
17) Carbon Disulfide	4.37	76	243668	10.919	ug/l		100
18) Methyl Acetate	4.67	43	39581	9.387	ug/l		98
19) Methyl tert-butyl Ether	5.42	73	93815	10.322	ug/l		94
20) Methylene Chloride	4.91	84	92136	10.915	ug/l		98
21) trans-1,2-Dichloroethene	5.42	96	82829	10.634	ug/l		97
22) Diisopropyl ether	6.31	45	234190	11.010	ug/l		95
23) Vinyl Acetate	6.25	43	649493	51.252	ug/l		99
24) 1,1-Dichloroethane	6.21	63	145613	10.917	ug/l		99
25) 2-Butanone	7.16	43	111903	49.253	ug/l		99
26) 2,2-Dichloropropane	7.16	77	85943	11.628	ug/l		96
27) cis-1,2-Dichloroethene	7.16	96	82047	10.045	ug/l		93
28) Bromochloromethane	7.51	49	53031	10.239	ug/l		96
29) Tetrahydrofuran	7.52	42	70342	49.710	ug/l		100
30) Chloroform	7.67	83	136497	10.960	ug/l		98
31) Cyclohexane	7.95	56	155743	11.264	ug/l	#	95
32) 1,1,1-Trichloroethane	7.87	97	110846	11.078	ug/l		98
36) 1,1-Dichloropropene	8.08	75	119321	10.988	ug/l		99
37) Ethyl Acetate	7.25	43	49516	10.311	ug/l		98
38) Carbon Tetrachloride	8.06	117	102111	10.848	ug/l		96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	137194	9.925	ug/l	99
40) Benzene	8.32	78	334439	10.893	ug/l	99
41) Methacrylonitrile	7.48	41	25661	9.524	ug/l	94
42) 1,2-Dichloroethane	8.40	62	87113	10.899	ug/l	100
43) Isopropyl Acetate	8.42	43	87911	10.006	ug/l	99
44) Trichloroethene	9.09	130	83154	10.096	ug/l	97
45) 1,2-Dichloropropane	9.37	63	81561	10.815	ug/l	99
46) Dibromomethane	9.46	93	37871	10.324	ug/l	98
47) Bromodichloromethane	9.64	83	95719	10.424	ug/l	97
48) Methyl methacrylate	9.43	41	38172	8.992	ug/l	99
49) 1,4-Dioxane	9.44	88	13450	200.191	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	228222	50.253	ug/l	99
52) Toluene	10.38	92	200381	10.435	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	92784	9.867	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	113149	9.804	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	54316	10.171	ug/l	99
56) Ethyl methacrylate	10.65	69	62751	9.088	ug/l	99
57) 1,3-Dichloropropane	10.93	76	97697	10.340	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	81479	38.479	ug/l	99
59) 2-Hexanone	10.96	43	148281	47.675	ug/l	96
60) Dibromochloromethane	11.13	129	56873	9.440	ug/l	99
61) 1,2-Dibromoethane	11.23	107	50617	10.044	ug/l	96
64) Tetrachloroethene	10.86	164	70899	10.249	ug/l	93
65) Chlorobenzene	11.65	112	202308	10.270	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	67336	10.156	ug/l	99
67) Ethyl Benzene	11.73	91	361655	10.149	ug/l	97
68) m/p-Xylenes	11.83	106	274406	20.168	ug/l	98
69) o-Xylene	12.16	106	120492	9.594	ug/l	98
70) Styrene	12.18	104	208314	9.819	ug/l	99
71) Bromoform	12.35	173	32662	9.190	ug/l	98
73) Isopropylbenzene	12.46	105	341027	9.847	ug/l	98
74) N-amyl acetate	12.27	43	75050	9.685	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	61207	9.919	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	47342m	10.780	ug/l	
77) Bromobenzene	12.74	156	77165	9.590	ug/l	93
78) n-propylbenzene	12.80	91	417415	10.174	ug/l	99
79) 2-Chlorotoluene	12.89	91	238080	10.204	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	292739	10.019	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	18609	9.435	ug/l	95
82) 4-Chlorotoluene	12.99	91	251080	10.344	ug/l	100
83) tert-Butylbenzene	13.21	119	247771	9.716	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	290915	9.996	ug/l	99
85) sec-Butylbenzene	13.38	105	353927	9.999	ug/l	99
86) p-Isopropyltoluene	13.49	119	313296	9.701	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	157267	10.043	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	154721	10.035	ug/l	98
89) n-Butylbenzene	13.82	91	293911	9.773	ug/l	99
90) Hexachloroethane	14.09	117	57126	10.164	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	137728	10.005	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	9647	9.899	ug/l	93

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	76674	8.324 ug/l	98
94) Hexachlorobutadiene	15.24	225	58538	9.407 ug/l	99
95) Naphthalene	15.36	128	116836	7.523 ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	67496	8.421 ug/l	97

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

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