Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW060220\
Data File : VW015522.D
Acq On : 02 Jun 2020 12:13
Operator : SY/VA
Sample : VSTDICC020
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 02 13:27:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060220S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 02 12:43:18 2020
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : VSTDICC020

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	226375	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	357304	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	323927	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	163139	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.30	65	48277	19.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 38.90%				
35) Dibromofluoromethane	7.88	113	42547	20.67	ug/l		0.00
Spiked Amount 50.000			Recovery = 41.34%				
50) Toluene-d8	10.32	98	173442	20.52	ug/l		0.00
Spiked Amount 50.000			Recovery = 41.04%				
62) 4-Bromofluorobenzene	12.62	95	62216	19.93	ug/l		0.00
Spiked Amount 50.000			Recovery = 39.86%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	24626	18.769	ug/l		94
3) Chloromethane	2.21	50	30517	18.712	ug/l		98
4) Vinyl Chloride	2.37	62	51438	20.739	ug/l		99
5) Bromomethane	2.78	94	36009	18.577	ug/l		99
6) Chloroethane	2.92	64	32979	19.311	ug/l		100
7) Trichlorofluoromethane	3.26	101	36304	19.817	ug/l		98
8) Diethyl Ether	3.68	74	22470	19.468	ug/l		99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	46346	21.694	ug/l		98
10) Methyl Iodide	4.27	142	67247	20.819	ug/l		99
11) Tert butyl alcohol	5.18	59	17962	118.654	ug/l	#	87
12) 1,1-Dichloroethene	4.04	96	45454	20.625	ug/l		99
13) Acrolein	3.89	56	15880	89.374	ug/l		97
14) Allyl chloride	4.67	41	76563	19.848	ug/l		99
15) Acrylonitrile	5.37	53	45681	96.412	ug/l		100
16) Acetone	4.12	43	44280	102.496	ug/l		96
17) Carbon Disulfide	4.38	76	136181	20.246	ug/l		100
18) Methyl Acetate	4.67	43	21412	20.259	ug/l		99
19) Methyl tert-butyl Ether	5.43	73	69804	19.524	ug/l		98
20) Methylene Chloride	4.92	84	50361	19.677	ug/l		100
21) trans-1,2-Dichloroethene	5.43	96	51364	20.478	ug/l		99
22) Diisopropyl ether	6.32	45	145763	19.347	ug/l		99
23) Vinyl Acetate	6.26	43	424302	92.178	ug/l		97
24) 1,1-Dichloroethane	6.21	63	92128	20.358	ug/l		99
25) 2-Butanone	7.18	43	61867	97.618	ug/l		97
26) 2,2-Dichloropropane	7.16	77	63960	21.247	ug/l		99
27) cis-1,2-Dichloroethene	7.17	96	55782	20.420	ug/l		98
28) Bromochloromethane	7.51	49	34231	19.049	ug/l		100
29) Tetrahydrofuran	7.54	42	38197	94.309	ug/l		98
30) Chloroform	7.68	83	92713	20.572	ug/l		99
31) Cyclohexane	7.96	56	88973	19.584	ug/l		95
32) 1,1,1-Trichloroethane	7.87	97	80265	21.210	ug/l		99
36) 1,1-Dichloropropene	8.08	75	76598	21.601	ug/l		98
37) Ethyl Acetate	7.26	43	28620	20.495	ug/l		99
38) Carbon Tetrachloride	8.07	117	74697	22.267	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.34	83	93414	20.802 ug/l		99
40) Benzene	8.32	78	205171	21.127 ug/l		98
41) Methacrylonitrile	7.49	41	16599	18.638 ug/l		97
42) 1,2-Dichloroethane	8.40	62	62672	21.066 ug/l		99
43) Isopropyl Acetate	8.43	43	57049	19.411 ug/l		99
44) Trichloroethene	9.10	130	54138	21.477 ug/l		94
45) 1,2-Dichloropropane	9.37	63	49784	20.741 ug/l		99
46) Dibromomethane	9.46	93	25014	20.699 ug/l		99
47) Bromodichloromethane	9.65	83	68890	21.100 ug/l		99
48) Methyl methacrylate	9.44	41	25468	18.845 ug/l		98
49) 1,4-Dioxane	9.45	88	6347	405.733 ug/l	#	90
51) 4-Methyl-2-Pentanone	10.21	43	134119	97.245 ug/l		98
52) Toluene	10.39	92	132654	21.067 ug/l		100
53) t-1,3-Dichloropropene	10.61	75	66089	19.817 ug/l		99
54) cis-1,3-Dichloropropene	10.07	75	78596	20.121 ug/l		97
55) 1,1,2-Trichloroethane	10.79	97	35321	20.715 ug/l		99
56) Ethyl methacrylate	10.65	69	43810	18.811 ug/l		98
57) 1,3-Dichloropropane	10.93	76	62033	20.322 ug/l		98
58) 2-Chloroethyl Vinyl ether	9.93	63	108881	98.211 ug/l		100
59) 2-Hexanone	10.97	43	91458	96.922 ug/l		99
60) Dibromochloromethane	11.13	129	42754	20.806 ug/l		98
61) 1,2-Dibromoethane	11.24	107	33205	20.544 ug/l		99
64) Tetrachloroethene	10.86	164	44801	22.273 ug/l		92
65) Chlorobenzene	11.66	112	138342	21.361 ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.73	131	48719	21.173 ug/l		99
67) Ethyl Benzene	11.73	91	260195	21.035 ug/l		100
68) m/p-Xylenes	11.84	106	196687	42.712 ug/l		99
69) o-Xylene	12.17	106	88800	20.552 ug/l		98
70) Styrene	12.18	104	152055	20.442 ug/l		99
71) Bromoform	12.35	173	22822	20.253 ug/l	#	99
73) Isopropylbenzene	12.46	105	254597	20.625 ug/l		100
74) N-amyl acetate	12.27	43	53485	18.289 ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.71	83	38624	19.805 ug/l		100
76) 1,2,3-Trichloropropane	12.77	75	27840m	20.726 ug/l		
77) Bromobenzene	12.75	156	54254	20.595 ug/l		98
78) n-propylbenzene	12.80	91	303901	20.548 ug/l		99
79) 2-Chlorotoluene	12.89	91	172076	20.618 ug/l		99
80) 1,3,5-Trimethylbenzene	12.94	105	216359	20.863 ug/l		99
81) trans-1,4-Dichloro-2-buten	12.51	75	12436	17.999 ug/l		98
82) 4-Chlorotoluene	12.99	91	179723	20.390 ug/l		100
83) tert-Butylbenzene	13.21	119	184283	20.827 ug/l		100
84) 1,2,4-Trimethylbenzene	13.25	105	216113	20.818 ug/l		99
85) sec-Butylbenzene	13.38	105	263754	21.157 ug/l		99
86) p-Isopropyltoluene	13.50	119	241517	21.243 ug/l		100
87) 1,3-Dichlorobenzene	13.50	146	108699	20.869 ug/l		97
88) 1,4-Dichlorobenzene	13.58	146	107968	20.845 ug/l		95
89) n-Butylbenzene	13.82	91	230690	20.835 ug/l		100
90) Hexachloroethane	14.10	117	43840	20.884 ug/l		99
91) 1,2-Dichlorobenzene	13.87	146	95363	20.946 ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6737	19.772 ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	67619	22.116 ug/l	98
94) Hexachlorobutadiene	15.24	225	40335	22.278 ug/l	99
95) Naphthalene	15.36	128	110436	20.128 ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	56030	21.281 ug/l	99

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

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