Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101020\
Data File : VW016862.D
Acq On : 09 Oct 2020 15:23
Operator : SY/VA
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

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Quant Time: Oct 10 05:10:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 10 04:56:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	375977	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.85	114	545363	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	484371	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	249483	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	300060	98.12	ug/l		0.00
Spiked Amount 50.000			Recovery = 196.24%				
35) Dibromofluoromethane	7.88	113	321828	96.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 192.56%				
50) Toluene-d8	10.33	98	1238389	98.81	ug/l		0.00
Spiked Amount 50.000			Recovery = 197.62%				
62) 4-Bromofluorobenzene	12.62	95	427393	98.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 197.78%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	179625	87.588	ug/l		100
3) Chloromethane	2.22	50	204333	90.876	ug/l		98
4) Vinyl Chloride	2.37	62	302483	93.028	ug/l		98
5) Bromomethane	2.79	94	235749	94.406	ug/l		100
6) Chloroethane	2.93	64	199395	96.362	ug/l		96
7) Trichlorofluoromethane	3.26	101	236230	99.790	ug/l		99
8) Diethyl Ether	3.68	74	142398	96.308	ug/l		99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	301428	94.565	ug/l		100
10) Methyl Iodide	4.28	142	491347	96.420	ug/l		99
11) Tert butyl alcohol	5.23	59	72109	446.599	ug/l	#	87
12) 1,1-Dichloroethene	4.04	96	307925	97.868	ug/l		99
13) Acrolein	3.90	56	104649	517.923	ug/l		100
14) Allyl chloride	4.67	41	373259	99.107	ug/l		100
15) Acrylonitrile	5.38	53	246174	500.181	ug/l		99
16) Acetone	4.14	43	242860	490.320	ug/l		98
17) Carbon Disulfide	4.39	76	823134	98.332	ug/l		100
18) Methyl Acetate	4.68	43	109222	96.142	ug/l		99
19) Methyl tert-butyl Ether	5.43	73	326958	96.417	ug/l		98
20) Methylene Chloride	4.92	84	311663	79.406	ug/l		95
21) trans-1,2-Dichloroethene	5.43	96	342041	96.837	ug/l		99
22) Diisopropyl ether	6.31	45	655999	95.837	ug/l		97
23) Vinyl Acetate	6.26	43	2240331	510.786	ug/l		99
24) 1,1-Dichloroethane	6.22	63	520780	95.948	ug/l		99
25) 2-Butanone	7.18	43	327471	495.923	ug/l		100
26) 2,2-Dichloropropane	7.17	77	316170	95.210	ug/l		99
27) cis-1,2-Dichloroethene	7.17	96	366661	96.922	ug/l		99
28) Bromochloromethane	7.51	49	224379	103.290	ug/l		100
29) Tetrahydrofuran	7.54	42	184336	498.385	ug/l		99
30) Chloroform	7.68	83	563595	95.515	ug/l		99
31) Cyclohexane	7.96	56	414239	89.475	ug/l		99
32) 1,1,1-Trichloroethane	7.88	97	476485	95.736	ug/l		100
36) 1,1-Dichloropropene	8.09	75	448381	95.082	ug/l		99
37) Ethyl Acetate	7.26	43	149055	96.767	ug/l		99
38) Carbon Tetrachloride	8.07	117	471270	96.139	ug/l		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	528779	98.352	ug/l		98
40) Benzene	8.32	78	1241479	94.507	ug/l		99
41) Methacrylonitrile	7.49	41	94830	143.478	ug/l		92
42) 1,2-Dichloroethane	8.40	62	340027	94.628	ug/l		99
43) Isopropyl Acetate	8.43	43	298472	101.148	ug/l		99
44) Trichloroethene	9.10	130	383926	94.425	ug/l		99
45) 1,2-Dichloropropane	9.37	63	285016	95.143	ug/l		100
46) Dibromomethane	9.46	93	165063	96.334	ug/l		98
47) Bromodichloromethane	9.65	83	420405	98.678	ug/l		97
48) Methyl methacrylate	9.44	41	140297	103.175	ug/l		97
49) 1,4-Dioxane	9.48	88	37860	1920.944	ug/l	#	97
51) 4-Methyl-2-Pentanone	10.21	43	737509	494.039	ug/l		100
52) Toluene	10.39	92	834230	96.068	ug/l		99
53) t-1,3-Dichloropropene	10.61	75	398312	102.696	ug/l		99
54) cis-1,3-Dichloropropene	10.07	75	481673	101.675	ug/l		99
55) 1,1,2-Trichloroethane	10.79	97	235217	96.442	ug/l		99
56) Ethyl methacrylate	10.65	69	275955	104.008	ug/l		100
57) 1,3-Dichloropropane	10.93	76	386921	95.889	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.93	63	767213	521.819	ug/l		100
59) 2-Hexanone	10.97	43	505512	511.803	ug/l		99
60) Dibromochloromethane	11.13	129	298425	99.759	ug/l		99
61) 1,2-Dibromoethane	11.24	107	235406	97.463	ug/l		98
64) Tetrachloroethene	10.87	164	329233	95.403	ug/l		96
65) Chlorobenzene	11.66	112	921103	96.951	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.73	131	333859	99.367	ug/l		99
67) Ethyl Benzene	11.73	91	1615330	97.571	ug/l		99
68) m/p-Xylenes	11.84	106	1275946	198.164	ug/l		98
69) o-Xylene	12.17	106	601892	101.865	ug/l		97
70) Styrene	12.18	104	976519	99.299	ug/l		99
71) Bromoform	12.35	173	181674	107.705	ug/l	#	98
73) Isopropylbenzene	12.46	105	1625668	98.037	ug/l		99
74) N-amyl acetate	12.27	43	275665	103.495	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.72	83	253148	97.298	ug/l		98
76) 1,2,3-Trichloropropane	12.77	75	173101m	107.551	ug/l		
77) Bromobenzene	12.75	156	384624	93.833	ug/l		96
78) n-propylbenzene	12.80	91	1864844	97.515	ug/l		99
79) 2-Chlorotoluene	12.90	91	1053759	96.594	ug/l		100
80) 1,3,5-Trimethylbenzene	12.94	105	1360261	97.883	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.52	75	78065	112.718	ug/l		97
82) 4-Chlorotoluene	12.99	91	1087328	96.551	ug/l		100
83) tert-Butylbenzene	13.21	119	1207179	100.018	ug/l		99
84) 1,2,4-Trimethylbenzene	13.25	105	1359137	98.152	ug/l		100
85) sec-Butylbenzene	13.38	105	1661597	98.903	ug/l		100
86) p-Isopropyltoluene	13.50	119	1542322	98.589	ug/l		99
87) 1,3-Dichlorobenzene	13.50	146	752410	94.921	ug/l		99
88) 1,4-Dichlorobenzene	13.58	146	742204	95.017	ug/l		99
89) n-Butylbenzene	13.82	91	1400865	99.399	ug/l		98
90) Hexachloroethane	14.10	117	248614	102.993	ug/l		98
91) 1,2-Dichlorobenzene	13.87	146	646776	94.569	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	41192	103.384	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	477472	101.182	ug/l	99
94) Hexachlorobutadiene	15.24	225	299997	98.069	ug/l	99
95) Naphthalene	15.37	128	850303	110.870	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	415279	101.157	ug/l	98

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

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