Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053020\
Data File : VV016354.D
Acq On : 30 May 2020 12:42
Operator : SY/MD
Sample : VSTD0.533
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 01 03:40:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 03:25:25 2020
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : VSTD0.533

Manual Integrations APPROVED
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6/1/2020 11:01:37 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	77221	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.87	117	74853	5.00	ug/L		0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	34606	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	3140	0.47	ug/L		0.00
7) Chloroethane-d5	1.58	69	2533	0.50	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.13	63	5560	0.47	ug/L		0.00
20) 2-Butanone-d5	3.95	46	5983m	4.09	ug/L		0.02
24) Chloroform-d	4.38	84	5145	0.45	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.07	65	2677	0.45	ug/L		0.00
32) Benzene-d6	5.08	84	9334	0.44	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.10	67	3076	0.48	ug/L		0.00
41) Toluene-d8	7.34	98	8225	0.42	ug/L		0.00
45) trans-1,3-Dichloropropene-	7.65	79	880	0.36	ug/L		0.00
48) 2-Hexanone-d5	8.12	63	3988	3.56	ug/L		0.00
59) 1,1,2,2-Tetrachloroethane-	10.24	84	2005	0.43	ug/L		0.00
65) 1,2-Dichlorobenzene-d4	11.65	152	3051	0.49	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	3100	0.473	ug/L		97
3) Chloromethane	1.25	50	4216	0.553	ug/L		94
5) Vinyl chloride	1.32	62	3322	0.464	ug/L		98
6) Bromomethane	1.53	94	1839	0.465	ug/L		92
8) Chloroethane	1.60	64	2110	0.483	ug/L		93
9) Trichlorofluoromethane	1.77	101	4508	0.461	ug/L		99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2523	0.461	ug/L		91
12) 1,1-Dichloroethene	2.14	96	2413	0.471	ug/L		88
13) Acetone	2.21	43	6807	7.784	ug/L		96
14) Carbon disulfide	2.31	76	7180	0.464	ug/L		100
15) Methyl Acetate	2.45	43	1513	0.680	ug/L	#	67
16) Methylene chloride	2.53	84	2672	0.496	ug/L		92
17) Methyl tert-butyl Ether	2.79	73	5434	0.453	ug/L	#	87
18) trans-1,2-Dichloroethene	2.78	96	2690	0.501	ug/L		87
19) 1,1-Dichloroethane	3.21	63	4859	0.451	ug/L		96
21) 2-Butanone	4.04	43	6858	4.489	ug/L		79
22) cis-1,2-Dichloroethene	3.94	96	2816	0.478	ug/L		99
23) Bromochloromethane	4.28	128	979	0.412	ug/L	#	81
25) Chloroform	4.41	83	4822	0.448	ug/L		96
27) 1,2-Dichloroethane	5.17	62	3146	0.437	ug/L		100
29) 1,1,1-Trichloroethane	4.64	97	3796	0.411	ug/L		95
30) Cyclohexane	4.71	56	4183	0.424	ug/L	#	64
31) Carbon tetrachloride	4.85	117	3372	0.421	ug/L		98
33) Benzene	5.13	78	10408	0.456	ug/L		100
34) Trichloroethene	5.94	95	2744	0.456	ug/L		95
35) Methylcyclohexane	6.15	83	4282	0.446	ug/L		97
37) 1,2-Dichloropropane	6.21	63	2524	0.422	ug/L	#	87
38) Bromodichloromethane	6.54	83	3037	0.436	ug/L		96
39) cis-1,3-Dichloropropene	7.05	75	3006	0.394	ug/L		98
40) 4-Methyl-2-pentanone	7.26	43	14350	4.029	ug/L		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	7.41	91	10096	0.403	ug/L		98
43) 1,3,5-Trimethylbenzene	10.56	105	7482	0.325	ug/L		99
44) 1,2,4-Trimethylbenzene	10.94	105	7569	0.325	ug/L		96
46) trans-1,3-Dichloropropene	7.68	75	2243	0.342	ug/L		89
47) 1,1,2-Trichloroethane	7.86	97	1625	0.437	ug/L		91
49) Tetrachloroethene	8.00	164	2084	0.484	ug/L		91
50) 2-Hexanone	8.17	43	9190	3.630	ug/L		97
51) Dibromochloromethane	8.27	129	1442	0.375	ug/L		91
52) 1,2-Dibromoethane	8.38	107	1428	0.403	ug/L	#	85
53) Chlorobenzene	8.91	112	6794	0.446	ug/L		96
54) Ethylbenzene	9.04	91	10910	0.396	ug/L		100
55) m,p-xylene	9.16	106	4039	0.391	ug/L		93
56) o-xylene	9.56	106	3702	0.374	ug/L		92
57) Styrene	9.59	104	6037	0.354	ug/L		99
58) Isopropylbenzene	9.95	105	9634	0.361	ug/L		97
60) 1,1,2,2-Tetrachloroethane	10.26	83	2039	0.442	ug/L	#	91
62) Bromoform	9.76	173	619	0.412	ug/L	#	88
63) 1,3-Dichlorobenzene	11.21	146	4652	0.415	ug/L		93
64) 1,4-Dichlorobenzene	11.30	146	5306	0.476	ug/L		92
66) 1,2-Dichlorobenzene	11.67	146	4578	0.455	ug/L		97
67) 1,2-Dibromo-3-chloropropan	12.45	75	304	0.468	ug/L	#	43
68) 1,3,5-Trichlorobenzene	12.67	180	3461	0.433	ug/L		97
69) 1,2,4-trichlorobenzene	13.29	180	3110	0.468	ug/L		98
70) Naphthalene	13.53	128	10993	0.850	ug/L		97
71) 1,2,3-Trichlorobenzene	13.77	180	2523	0.418	ug/L		87

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

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