Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071420\
Data File : VV017473.D
Acq On : 14 Jul 2020 09:54
Operator : SY/MD
Sample : VSTD00136
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00136

Manual Integrations APPROVED
MMDadoda
7/15/2020 1:02:29 PM

Quant Time: Jul 15 02:13:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 15 02:00:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	138866	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.87	117	135448	5.00	ug/L		0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	71210	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	7608	0.92	ug/L		0.00
7) Chloroethane-d5	1.58	69	6037	0.98	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.13	63	17630	1.09	ug/L		0.00
20) 2-Butanone-d5	4.00	46	15648m	7.67	ug/L		0.04
24) Chloroform-d	4.38	84	18145	1.00	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.06	65	8912	0.92	ug/L		0.00
32) Benzene-d6	5.07	84	30419	0.87	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.10	67	8562	0.84	ug/L		0.00
41) Toluene-d8	7.34	98	29611	0.91	ug/L		0.00
45) trans-1,3-Dichloropropene-	7.65	79	3702	0.84	ug/L		0.00
48) 2-Hexanone-d5	8.12	63	10382	6.50	ug/L		0.00
59) 1,1,2,2-Tetrachloroethane-	10.24	84	5760	0.84	ug/L		0.00
65) 1,2-Dichlorobenzene-d4	11.65	152	12302	0.94	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	16273	1.338	ug/L		97
3) Chloromethane	1.25	50	11853	1.225	ug/L		92
5) Vinyl chloride	1.32	62	11239	1.182	ug/L		92
6) Bromomethane	1.53	94	6890	1.233	ug/L		94
8) Chloroethane	1.60	64	6382	1.199	ug/L		99
9) Trichlorofluoromethane	1.77	101	20503	1.291	ug/L		98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	9630	1.246	ug/L		95
12) 1,1-Dichloroethene	2.14	96	8500	1.220	ug/L		85
13) Acetone	2.26	43	11862m	10.905	ug/L		
14) Carbon disulfide	2.31	76	26299	1.236	ug/L		100
15) Methyl Acetate	2.47	43	2061	0.819	ug/L		99
16) Methylene chloride	2.52	84	11012	1.472	ug/L		94
17) Methyl tert-butyl Ether	2.79	73	20906	1.196	ug/L		95
18) trans-1,2-Dichloroethene	2.78	96	9308	1.243	ug/L		95
19) 1,1-Dichloroethane	3.21	63	17820	1.102	ug/L		96
21) 2-Butanone	4.07	43	18380m	9.266	ug/L		
22) cis-1,2-Dichloroethene	3.95	96	9687	1.002	ug/L		84
23) Bromochloromethane	4.27	128	4505	1.074	ug/L	#	78
25) Chloroform	4.41	83	18979	1.078	ug/L		99
27) 1,2-Dichloroethane	5.16	62	12110	1.088	ug/L		97
29) 1,1,1-Trichloroethane	4.63	97	18924	1.121	ug/L		97
30) Cyclohexane	4.70	56	14373	0.937	ug/L		99
31) Carbon tetrachloride	4.85	117	17319	1.130	ug/L		100
33) Benzene	5.13	78	34724	0.972	ug/L		100
34) Trichloroethene	5.94	95	11048	1.049	ug/L		94
35) Methylcyclohexane	6.15	83	15680	0.969	ug/L		99
37) 1,2-Dichloropropane	6.20	63	8030	0.930	ug/L	#	97
38) Bromodichloromethane	6.54	83	11944	0.976	ug/L		93
39) cis-1,3-Dichloropropene	7.05	75	13095	0.996	ug/L		96
40) 4-Methyl-2-pentanone	7.26	43	41837	8.391	ug/L		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) Toluene	7.41	91	37701	0.909 ug/L	92
43) 1,3,5-Trimethylbenzene	10.56	105	35479	0.946 ug/L	98
44) 1,2,4-Trimethylbenzene	10.94	105	34907	0.917 ug/L	98
46) trans-1,3-Dichloropropene	7.68	75	10530	0.915 ug/L	87
47) 1,1,2-Trichloroethane	7.87	97	6357	1.021 ug/L	94
49) Tetrachloroethene	8.00	164	9120	1.059 ug/L	94
50) 2-Hexanone	8.17	43	30786	8.681 ug/L	99
51) Dibromochloromethane	8.27	129	8189	1.052 ug/L	98
52) 1,2-Dibromoethane	8.38	107	6372	1.071 ug/L #	98
53) Chlorobenzene	8.90	112	26082	1.002 ug/L	97
54) Ethylbenzene	9.04	91	42430	0.955 ug/L	99
55) m,p-xylene	9.16	106	16109	0.925 ug/L	93
56) o-xylene	9.56	106	15363	0.947 ug/L	92
57) Styrene	9.59	104	26081	0.962 ug/L	99
58) Isopropylbenzene	9.95	105	43693	0.970 ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	5925	0.924 ug/L	99
62) Bromoform	9.76	173	4405	1.109 ug/L	97
63) 1,3-Dichlorobenzene	11.21	146	22257	1.030 ug/L	98
64) 1,4-Dichlorobenzene	11.30	146	22265	1.016 ug/L	96
66) 1,2-Dichlorobenzene	11.67	146	20002	1.022 ug/L	94
67) 1,2-Dibromo-3-chloropropan	12.45	75	1305	1.166 ug/L #	85
68) 1,3,5-Trichlorobenzene	12.67	180	18692	1.075 ug/L	98
69) 1,2,4-trichlorobenzene	13.29	180	14633	1.022 ug/L	94
70) Naphthalene	13.53	128	18841	0.932 ug/L	98
71) 1,2,3-Trichlorobenzene	13.77	180	12361	1.039 ug/L	97

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

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