Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081920\
Data File : VU039897.D
Acq On : 19 Aug 2020 09:31
Operator : SY/MD
Sample : VSTD0.502
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD0.502

Manual Integrations APPROVED
MMDadoda
8/21/2020 12:11:58 PM

Quant Time: Aug 20 07:45:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 20 07:38:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	71354	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.42	117	71278	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	35427	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.60	65	3462	0.81	ug/L		0.00
7) Chloroethane-d5	1.92	69	2451	0.56	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.58	63	5976	0.69	ug/L		0.00
20) 2-Butanone-d5	4.67	46	9099	5.20	ug/L		0.00
24) Chloroform-d	5.08	84	5706	0.57	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.72	65	3819	0.66	ug/L		0.00
32) Benzene-d6	5.75	84	10750	0.61	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.70	67	3773	0.63	ug/L		0.00
41) Toluene-d8	7.90	98	8799	0.56	ug/L		0.00
43) trans-1,3-Dichloropropene-	8.19	79	1368	0.59	ug/L		0.00
46) 2-Hexanone-d5	8.64	63	6380	5.07	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	3057	0.53	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	3250	0.52	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	3539	0.569	ug/L		90
3) Chloromethane	1.53	50	4459	0.679	ug/L		99
5) Vinyl chloride	1.61	62	3679	0.576	ug/L		99
6) Bromomethane	1.86	94	2039	0.527	ug/L		96
8) Chloroethane	1.94	64	2690	0.605	ug/L		97
9) Trichlorofluoromethane	2.15	101	5182	0.535	ug/L		96
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2942	0.542	ug/L		99
12) 1,1-Dichloroethene	2.59	96	3098	0.653	ug/L		91
13) Acetone	2.69	43	6379m	5.849	ug/L		
14) Carbon disulfide	2.81	76	9349	0.623	ug/L		95
15) Methyl Acetate	2.98	43	1496m	0.555	ug/L		
16) Methylene chloride	3.06	84	5779	0.788	ug/L		86
17) Methyl tert-butyl Ether	3.38	73	6472	0.522	ug/L	#	80
18) trans-1,2-Dichloroethene	3.37	96	3092	0.595	ug/L		92
19) 1,1-Dichloroethane	3.89	63	5519	0.575	ug/L		96
21) 2-Butanone	4.75	43	10874m	6.253	ug/L		
22) cis-1,2-Dichloroethene	4.69	96	2806	0.507	ug/L		84
23) Bromochloromethane	5.00	128	1385	0.532	ug/L		87
25) Chloroform	5.11	83	5693	0.565	ug/L		100
27) 1,2-Dichloroethane	5.81	62	3845	0.551	ug/L	#	89
29) 1,1,1-Trichloroethane	5.33	97	4875	0.574	ug/L		98
30) Cyclohexane	5.41	56	4153	0.499	ug/L		94
31) Carbon tetrachloride	5.54	117	4215	0.545	ug/L		99
33) Benzene	5.79	78	11422	0.548	ug/L		100
34) Trichloroethene	6.55	95	3153	0.585	ug/L		91
35) Methylcyclohexane	6.78	83	4092	0.479	ug/L		97
37) 1,2-Dichloropropane	6.80	63	3162	0.570	ug/L	#	89
38) Bromodichloromethane	7.11	83	3890	0.538	ug/L	#	91
39) cis-1,3-Dichloropropene	7.61	75	4044	0.529	ug/L		89
40) 4-Methyl-2-pentanone	7.80	43	23478	5.617	ug/L	#	96

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42) Toluene	7.97	91	11242	0.513	ug/L		100
44) trans-1,3-Dichloropropene	8.21	75	3914	0.576	ug/L	#	38
45) 1,1,2-Trichloroethane	8.40	97	2392	0.577	ug/L		90
47) Tetrachloroethene	8.56	164	1946	0.444	ug/L		84
48) 2-Hexanone	8.69	43	16823	5.585	ug/L		97
49) Dibromochloromethane	8.81	129	2683	0.529	ug/L		97
50) 1,2-Dibromoethane	8.92	107	2373	0.588	ug/L	#	92
51) Chlorobenzene	9.45	112	7695	0.529	ug/L		91
52) Ethylbenzene	9.57	91	11790	0.486	ug/L		100
53) m,p-Xylene	9.70	106	4369	0.473	ug/L		93
54) o-Xylene	10.10	106	3882	0.431	ug/L		85
55) Styrene	10.11	104	6672	0.436	ug/L		95
56) Isopropylbenzene	10.48	105	10863	0.451	ug/L		96
58) 1,1,2,2-Tetrachloroethane	10.78	83	3001	0.531	ug/L	#	94
59) 1,2,3-Trichloropropane	10.82	75	2113	0.533	ug/L		91
61) Bromoform	10.29	173	1200	0.467	ug/L	#	96
62) 1,3-Dichlorobenzene	11.74	146	5815	0.526	ug/L		91
63) 1,4-Dichlorobenzene	11.83	146	6027	0.522	ug/L		86
65) 1,2-Dichlorobenzene	12.20	146	6075	0.562	ug/L		96
66) 1,2-Dibromo-3-chloropropan	12.99	75	370	0.443	ug/L	#	69
67) 1,3,5-Trichlorobenzene	13.21	180	4501	0.543	ug/L	#	88
68) 1,2,4-trichlorobenzene	13.83	180	3302	0.474	ug/L		94
69) Naphthalene	14.08	128	5767	0.459	ug/L	#	95
70) 1,2,3-Trichlorobenzene	14.32	180	3300	0.529	ug/L		98

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

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