Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080320\
Data File : VV017794.D
Acq On : 03 Aug 2020 15:36
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 04 02:21:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 04 01:48:46 2020
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : VSTD005003

Manual Integrations APPROVED
sam
8/7/2020 7:19:36 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	167560	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	159887	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	90305	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	38425	4.05	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.00%			
7) Chloroethane-d5	1.58	69	35044	5.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.40%			
11) 1,1-Dichloroethene-d2	2.12	63	88103	5.13	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.60%			
20) 2-Butanone-d5	3.95	46	99232	46.07	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.14%			
24) Chloroform-d	4.37	84	107429	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.80%			
26) 1,2-Dichloroethane-d4	5.05	65	58329	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.20%			
32) Benzene-d6	5.07	84	172016	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.40%			
36) 1,2-Dichloropropane-d6	6.09	67	45009	4.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.00%			
41) Toluene-d8	7.33	98	157351	4.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.40%			
43) trans-1,3-Dichloropropene-	7.64	79	23491	4.77	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.40%			
46) 2-Hexanone-d5	8.11	63	73067	41.95	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.90%			
56) 1,1,2,2-Tetrachloroethane-	10.24	84	35579	4.21	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.20%			
66) 1,2-Dichlorobenzene-d4	11.65	152	72353	4.50	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	76505	4.006	ug/L	98
3) Chloromethane	1.25	50	49898	4.564	ug/L	98
5) Vinyl chloride	1.32	62	53960	4.825	ug/L	98
6) Bromomethane	1.53	94	36215	5.418	ug/L	99
8) Chloroethane	1.59	64	33763	5.556	ug/L	97
9) Trichlorofluoromethane	1.76	101	111899	5.849	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	50893	6.124	ug/L	98
12) 1,1-Dichloroethene	2.13	96	45085	5.857	ug/L	99
13) Acetone	2.23	43	71969m	60.719	ug/L	
14) Carbon disulfide	2.31	76	130896	6.090	ug/L	99
15) Methyl Acetate	2.46	43	12261	5.034	ug/L	98
16) Methylene chloride	2.52	84	53836	6.820	ug/L	98
17) Methyl tert-butyl Ether	2.79	73	116640	4.819	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	49653	4.477	ug/L	98
19) 1,1-Dichloroethane	3.20	63	89005	4.487	ug/L	99
21) 2-Butanone	4.03	43	97019	41.485	ug/L #	69
22) cis-1,2-Dichloroethene	3.93	96	56242	4.762	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.27	128	25829	4.986	ug/L		85
25) Chloroform	4.40	83	107245	4.312	ug/L		96
27) 1,2-Dichloroethane	5.15	62	70209	5.115	ug/L		96
29) 1,1,1-Trichloroethane	4.63	97	107295	5.428	ug/L		99
30) Cyclohexane	4.69	56	70009	4.141	ug/L		93
31) Carbon tetrachloride	4.85	117	97688	5.493	ug/L		99
33) Benzene	5.12	78	200495	4.616	ug/L		100
34) Trichloroethene	5.93	95	58335	4.710	ug/L		99
35) Methylcyclohexane	6.15	83	84021	4.330	ug/L		98
37) 1,2-Dichloropropane	6.20	63	44506	4.429	ug/L	#	93
38) Bromodichloromethane	6.53	83	73910	5.210	ug/L		96
39) cis-1,3-Dichloropropene	7.05	75	75475	4.790	ug/L		98
40) 4-Methyl-2-pentanone	7.25	43	232289	40.983	ug/L		98
42) Toluene	7.41	91	228387	4.729	ug/L		100
44) trans-1,3-Dichloropropene	7.67	75	65026	5.105	ug/L		97
45) 1,1,2-Trichloroethane	7.86	97	33536	4.376	ug/L		94
47) Tetrachloroethene	7.99	164	51635	4.771	ug/L		98
48) 2-Hexanone	8.16	43	169001	42.189	ug/L		97
49) Dibromochloromethane	8.26	129	49161	5.232	ug/L		100
50) 1,2-Dibromoethane	8.37	107	32129	4.486	ug/L	#	99
51) Chlorobenzene	8.90	112	152764	4.732	ug/L		100
52) Ethylbenzene	9.03	91	259730	4.713	ug/L		98
53) m,p-xylene	9.16	106	98792	4.710	ug/L		88
54) o-xylene	9.56	106	93688	4.719	ug/L		89
55) Styrene	9.58	104	166007	4.963	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.26	83	33779	4.107	ug/L	#	98
59) Bromoform	9.75	173	27779	5.089	ug/L		99
60) Isopropylbenzene	9.95	105	267531	4.637	ug/L		99
61) 1,2,3-Trichloropropane	10.30	75	28771	4.371	ug/L		99
62) 1,3,5-Trimethylbenzene	10.56	105	230890	4.847	ug/L		96
63) 1,2,4-Trimethylbenzene	10.93	105	238801	5.045	ug/L		100
64) 1,3-Dichlorobenzene	11.20	146	139137	4.840	ug/L		98
65) 1,4-Dichlorobenzene	11.29	146	132874	4.535	ug/L		98
67) 1,2-Dichlorobenzene	11.67	146	123944	4.744	ug/L		96
68) 1,2-Dibromo-3-chloropropan	12.45	75	7122	5.248	ug/L		92
69) 1,3,5-Trichlorobenzene	12.67	180	114045	4.798	ug/L		98
70) 1,2,4-trichlorobenzene	13.28	180	91148	4.846	ug/L		100
71) Naphthalene	13.52	128	118180	4.528	ug/L		99
72) 1,2,3-Trichlorobenzene	13.77	180	78139	4.687	ug/L		99

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

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