Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV123020\
Data File : VV019871.D
Acq On : 30 Dec 2020 09:57
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD005303

Quant Time: Dec 31 02:00:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR122920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 30 15:40:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	290985	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	274251	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.25	152	138403	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.30	65	96116	4.59	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.80%			
7) Chloroethane-d5	1.57	69	81048	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.80%			
11) 1,1-Dichloroethene-d2	2.11	63	204642	4.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.40%			
20) 2-Butanone-d5	3.94	46	205758	46.58	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.16%			
24) Chloroform-d	4.35	84	180770	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.20%			
26) 1,2-Dichloroethane-d4	5.04	65	87993	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.20%			
32) Benzene-d6	5.05	84	348181	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
36) 1,2-Dichloropropane-d6	6.07	67	103174	4.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.20%			
41) Toluene-d8	7.32	98	311199	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
43) trans-1,3-Dichloropropene-	7.63	79	38487	4.89	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.80%			
46) 2-Hexanone-d5	8.09	63	149537	47.20	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.40%			
56) 1,1,2,2-Tetrachloroethane-	10.22	84	64852	4.59	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.80%			
66) 1,2-Dichlorobenzene-d4	11.63	152	98476	4.58	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.13	85	139708	5.020	ug/L	99
3) Chloromethane	1.24	50	145033	4.712	ug/L	100
5) Vinyl chloride	1.31	62	147579	4.887	ug/L	98
6) Bromomethane	1.52	94	83423	4.719	ug/L	98
8) Chloroethane	1.58	64	87730	4.753	ug/L	98
9) Trichlorofluoromethane	1.75	101	180343	4.917	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	101603	5.149	ug/L	99
12) 1,1-Dichloroethene	2.12	96	100692	4.994	ug/L	95
13) Acetone	2.26	43	162183	48.956	ug/L	81
14) Carbon disulfide	2.29	76	327393	4.689	ug/L	99
15) Methyl Acetate	2.44	43	37908	4.581	ug/L #	79
16) Methylene chloride	2.51	84	112567	4.585	ug/L	99
17) Methyl tert-butyl Ether	2.77	73	231296	4.587	ug/L	98
18) trans-1,2-Dichloroethene	2.76	96	108712	4.774	ug/L	95
19) 1,1-Dichloroethane	3.19	63	211525	4.798	ug/L	99
21) 2-Butanone	4.01	43	259763	46.606	ug/L #	70
22) cis-1,2-Dichloroethene	3.91	96	111158	4.695	ug/L	96

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD005303

Quant Time: Dec 31 02:00:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR122920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 30 15:40:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.25	128	43681	4.628 ug/L	96
25) Chloroform	4.38	83	210705	4.805 ug/L	96
27) 1,2-Dichloroethane	5.14	62	127050	4.756 ug/L	97
29) 1,1,1-Trichloroethane	4.61	97	184321	4.928 ug/L	100
30) Cyclohexane	4.68	56	188119	4.999 ug/L	99
31) Carbon tetrachloride	4.83	117	152542	4.993 ug/L	100
33) Benzene	5.10	78	440190	4.794 ug/L	100
34) Trichloroethene	5.91	95	115342	4.702 ug/L	96
35) Methylcyclohexane	6.13	83	189460	5.163 ug/L	98
37) 1,2-Dichloropropane	6.17	63	111434	4.840 ug/L	99
38) Bromodichloromethane	6.51	83	138485	4.876 ug/L	96
39) cis-1,3-Dichloropropene	7.03	75	153685	4.863 ug/L	97
40) 4-Methyl-2-pentanone	7.23	43	615670	47.348 ug/L	99
42) Toluene	7.39	91	462673	4.961 ug/L	100
44) trans-1,3-Dichloropropene	7.66	75	126331	4.880 ug/L	97
45) 1,1,2-Trichloroethane	7.84	97	69328	4.656 ug/L	95
47) Tetrachloroethene	7.98	164	80935	4.857 ug/L	98
48) 2-Hexanone	8.14	43	443196	49.174 ug/L	100
49) Dibromochloromethane	8.25	129	78030	4.844 ug/L	97
50) 1,2-Dibromoethane	8.36	107	62905	4.651 ug/L	96
51) Chlorobenzene	8.88	112	285304	4.837 ug/L	99
52) Ethylbenzene	9.02	91	515644	4.990 ug/L	99
53) m,p-xylene	9.14	106	187889	4.975 ug/L	98
54) o-xylene	9.55	106	178426	4.928 ug/L	97
55) Styrene	9.57	104	306601	5.011 ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.25	83	75516	4.791 ug/L	100
59) Bromoform	9.74	173	35779	4.765 ug/L	100
60) Isopropylbenzene	9.94	105	499972	4.962 ug/L	99
61) 1,2,3-Trichloropropane	10.28	75	61373	4.587 ug/L	98
62) 1,3,5-Trimethylbenzene	10.54	105	407630	4.894 ug/L	99
63) 1,2,4-Trimethylbenzene	10.92	105	423055	4.986 ug/L	100
64) 1,3-Dichlorobenzene	11.19	146	213624	4.829 ug/L	99
65) 1,4-Dichlorobenzene	11.28	146	211738	4.771 ug/L	98
67) 1,2-Dichlorobenzene	11.65	146	192079	4.721 ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.43	75	12459	4.515 ug/L	98
69) 1,3,5-Trichlorobenzene	12.65	180	160307	4.889 ug/L	99
70) 1,2,4-trichlorobenzene	13.27	180	126499	4.745 ug/L	99
71) Naphthalene	13.51	128	181270	4.494 ug/L	99
72) 1,2,3-Trichlorobenzene	13.75	180	106889	4.710 ug/L	97

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

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