Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102920\
Data File : VU041009.D
Acq On : 29 Oct 2020 10:19
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00511

Quant Time: Oct 29 12:31:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR102820WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 29 01:58:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	127049	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127091	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	64771	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	37598	4.40	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.00%			
7) Chloroethane-d5	1.92	69	30918	4.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.60%			
11) 1,1-Dichloroethene-d2	2.58	65	17861	4.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.40%			
20) 2-Butanone-d5	4.66	46	175863	49.37	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.74%			
24) Chloroform-d	5.08	84	79388	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
26) 1,2-Dichloroethane-d4	5.72	65	50622	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
32) Benzene-d6	5.74	84	136686	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.80%			
36) 1,2-Dichloropropane-d6	6.70	67	47135	4.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.00%			
41) Toluene-d8	7.90	98	123637	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.40%			
43) trans-1,3-Dichloropropene-	8.19	79	20709	4.56	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.20%			
46) 2-Hexanone-d5	8.64	63	126581	51.22	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.44%			
56) 1,1,2,2-Tetrachloroethane-	10.75	84	46076	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.80%			
66) 1,2-Dichlorobenzene-d4	12.19	152	46244	4.26	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	55040	5.082	ug/L	100
3) Chloromethane	1.53	50	53492	4.717	ug/L	98
5) Vinyl chloride	1.61	62	53913	4.800	ug/L	97
6) Bromomethane	1.87	94	28287	4.723	ug/L	93
8) Chloroethane	1.94	64	32122	4.470	ug/L	96
9) Trichlorofluoromethane	2.15	101	73590	4.725	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	43884	4.859	ug/L	98
12) 1,1-Dichloroethene	2.59	96	41389	4.812	ug/L	92
13) Acetone	2.68	43	120466	53.964	ug/L	74
14) Carbon disulfide	2.81	76	130578	4.769	ug/L	98
15) Methyl Acetate	2.98	43	27572	5.277	ug/L	99
16) Methylene chloride	3.06	84	47682	4.643	ug/L	99
17) Methyl tert-butyl Ether	3.38	73	110206	4.916	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	41402	4.748	ug/L	97
19) 1,1-Dichloroethane	3.89	63	84740	4.693	ug/L	100
21) 2-Butanone	4.75	43	184865	51.039	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	42872	4.603	ug/L	98

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Acq On : 29 Oct 2020 10:19
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00511

Quant Time: Oct 29 12:31:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR102820WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 29 01:58:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	21470	4.845 ug/L	96
25) Chloroform	5.11	83	86606	4.697 ug/L	96
27) 1,2-Dichloroethane	5.81	62	63464	4.703 ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	73061	4.629 ug/L	99
30) Cyclohexane	5.40	56	71635	4.897 ug/L	99
31) Carbon tetrachloride	5.54	117	63027	4.679 ug/L	99
33) Benzene	5.79	78	176136	4.765 ug/L	100
34) Trichloroethene	6.55	95	45172	4.590 ug/L	99
35) Methylcyclohexane	6.77	83	66489	4.853 ug/L	99
37) 1,2-Dichloropropane	6.80	63	49724	4.739 ug/L	99
38) Bromodichloromethane	7.11	83	62114	4.738 ug/L	97
39) cis-1,3-Dichloropropene	7.61	75	66046	4.758 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	420528	53.063 ug/L	100
42) Toluene	7.97	91	183188	4.901 ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	62586	4.839 ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	35367	4.718 ug/L	96
47) Tetrachloroethene	8.56	164	32807	4.811 ug/L	90
48) 2-Hexanone	8.69	43	316714	53.269 ug/L	99
49) Dibromochloromethane	8.81	129	40970	4.740 ug/L	99
50) 1,2-Dibromoethane	8.93	107	34815	4.961 ug/L	96
51) Chlorobenzene	9.45	112	115054	4.799 ug/L	99
52) Ethylbenzene	9.57	91	191173	4.928 ug/L	99
53) m,p-Xylene	9.69	106	71276	5.079 ug/L	99
54) o-Xylene	10.10	106	67346	5.018 ug/L	98
55) Styrene	10.11	104	118901	5.101 ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.78	83	48087	4.973 ug/L	97
59) Bromoform	10.29	173	23722	4.696 ug/L	97
60) Isopropylbenzene	10.48	105	180129	4.792 ug/L	99
61) 1,2,3-Trichloropropane	10.82	75	35428	4.535 ug/L	95
62) 1,3,5-Trimethylbenzene	11.09	105	145180	4.813 ug/L	98
63) 1,2,4-Trimethylbenzene	11.46	105	148240	4.850 ug/L	99
64) 1,3-Dichlorobenzene	11.74	146	89437	4.770 ug/L	99
65) 1,4-Dichlorobenzene	11.83	146	89893	4.692 ug/L	99
67) 1,2-Dichlorobenzene	12.21	146	84535	4.649 ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.99	75	8750	4.859 ug/L	94
69) 1,3,5-Trichlorobenzene	13.21	180	60670	4.714 ug/L	99
70) 1,2,4-trichlorobenzene	13.83	180	51803	4.779 ug/L	99
71) Naphthalene	14.08	128	91471	4.820 ug/L	99
72) 1,2,3-Trichlorobenzene	14.32	180	48053	4.732 ug/L	98

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

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