Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102820\
Data File : VU041007.D
Acq On : 28 Oct 2020 21:11
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD005109

Quant Time: Oct 29 02:07:58 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	119696	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119542	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	60180	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	37688	4.68	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.60%			
7) Chloroethane-d5	1.92	69	30282	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.00%			
11) 1,1-Dichloroethene-d2	2.58	65	18448	4.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.80%			
20) 2-Butanone-d5	4.66	46	173032	51.56	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.12%			
24) Chloroform-d	5.08	84	81224	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
26) 1,2-Dichloroethane-d4	5.72	65	50427	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%			
32) Benzene-d6	5.74	84	142188	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%			
36) 1,2-Dichloropropane-d6	6.70	67	49370	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.00%			
41) Toluene-d8	7.91	98	125028	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
43) trans-1,3-Dichloropropene-	8.19	79	21125	4.94	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.80%			
46) 2-Hexanone-d5	8.64	63	124332	53.49	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.98%			
56) 1,1,2,2-Tetrachloroethane-	10.75	84	46167	4.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.80%			
66) 1,2-Dichlorobenzene-d4	12.19	152	47002	4.66	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	52992	5.193	ug/L	99
3) Chloromethane	1.53	50	53515	5.008	ug/L	99
5) Vinyl chloride	1.61	62	52710	4.981	ug/L	97
6) Bromomethane	1.87	94	28724	5.090	ug/L	98
8) Chloroethane	1.94	64	32339	4.777	ug/L	93
9) Trichlorofluoromethane	2.15	101	73825	5.032	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	43282	5.087	ug/L	98
12) 1,1-Dichloroethene	2.59	96	40467	4.993	ug/L	98
13) Acetone	2.68	43	106807	50.785	ug/L	74
14) Carbon disulfide	2.81	76	129150	5.006	ug/L	99
15) Methyl Acetate	2.98	43	24193	4.915	ug/L	97
16) Methylene chloride	3.06	84	46094	4.764	ug/L	95
17) Methyl tert-butyl Ether	3.38	73	107540	5.092	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	41066	4.999	ug/L	100
19) 1,1-Dichloroethane	3.89	63	83932	4.934	ug/L	99
21) 2-Butanone	4.75	43	172967	50.688	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	44288	5.047	ug/L	97

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Instrument : MSVOA_U
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR102820WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	20961	5.021 ug/L	98
25) Chloroform	5.11	83	85075	4.897 ug/L	96
27) 1,2-Dichloroethane	5.81	62	63289	4.978 ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	73079	4.923 ug/L	98
30) Cyclohexane	5.41	56	70666	5.136 ug/L	98
31) Carbon tetrachloride	5.54	117	62451	4.930 ug/L	95
33) Benzene	5.79	78	177900	5.117 ug/L	100
34) Trichloroethene	6.56	95	47466	5.128 ug/L	97
35) Methylcyclohexane	6.77	83	66310	5.145 ug/L	98
37) 1,2-Dichloropropane	6.80	63	50908	5.158 ug/L	99
38) Bromodichloromethane	7.12	83	62532	5.071 ug/L #	98
39) cis-1,3-Dichloropropene	7.62	75	64320	4.926 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	398536	53.463 ug/L	100
42) Toluene	7.98	91	183698	5.225 ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	63065	5.184 ug/L	98
45) 1,1,2-Trichloroethane	8.41	97	36062	5.115 ug/L	97
47) Tetrachloroethene	8.56	164	31819	4.961 ug/L	94
48) 2-Hexanone	8.69	43	300149	53.671 ug/L	100
49) Dibromochloromethane	8.82	129	41526	5.108 ug/L	93
50) 1,2-Dibromoethane	8.93	107	33376	5.056 ug/L	93
51) Chlorobenzene	9.45	112	111746	4.955 ug/L	99
52) Ethylbenzene	9.57	91	192581	5.278 ug/L	99
53) m,p-Xylene	9.69	106	71411	5.410 ug/L	99
54) o-Xylene	10.10	106	66905	5.300 ug/L	99
55) Styrene	10.11	104	119051	5.430 ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.78	83	45841	5.040 ug/L	92
59) Bromoform	10.29	173	22957	4.892 ug/L	97
60) Isopropylbenzene	10.48	105	180484	5.167 ug/L	99
61) 1,2,3-Trichloropropane	10.82	75	35473	4.887 ug/L	98
62) 1,3,5-Trimethylbenzene	11.09	105	142086	5.069 ug/L	100
63) 1,2,4-Trimethylbenzene	11.47	105	150317	5.293 ug/L	100
64) 1,3-Dichlorobenzene	11.74	146	89178	5.119 ug/L	99
65) 1,4-Dichlorobenzene	11.83	146	90879	5.106 ug/L	98
67) 1,2-Dichlorobenzene	12.20	146	83580	4.947 ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.99	75	8167	4.882 ug/L	96
69) 1,3,5-Trichlorobenzene	13.21	180	58808	4.917 ug/L	98
70) 1,2,4-trichlorobenzene	13.83	180	49564	4.921 ug/L	95
71) Naphthalene	14.08	128	87544	4.965 ug/L	99
72) 1,2,3-Trichlorobenzene	14.32	180	49015	5.195 ug/L	99

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

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