Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102920\
Data File : VU041014.D
Acq On : 29 Oct 2020 13:22
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00512

Quant Time: Oct 29 13:57:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR102820WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 29 12:31:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	119235	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118329	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	60848	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	36262	4.52	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.40%			
7) Chloroethane-d5	1.92	69	30015	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.60%			
11) 1,1-Dichloroethene-d2	2.58	65	18199	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.80%			
20) 2-Butanone-d5	4.66	46	170694	51.06	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.12%			
24) Chloroform-d	5.08	84	77333	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	5.72	65	48170	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
32) Benzene-d6	5.74	84	135288	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
36) 1,2-Dichloropropane-d6	6.70	67	47287	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.80%			
41) Toluene-d8	7.90	98	121645	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
43) trans-1,3-Dichloropropene-	8.18	79	20592	4.87	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.40%			
46) 2-Hexanone-d5	8.64	63	121216	52.68	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.36%			
56) 1,1,2,2-Tetrachloroethane-	10.75	84	46067	4.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.60%			
66) 1,2-Dichlorobenzene-d4	12.19	152	44637	4.38	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	51479	5.065	ug/L	98
3) Chloromethane	1.53	50	51495	4.838	ug/L	96
5) Vinyl chloride	1.61	62	53375	5.063	ug/L	99
6) Bromomethane	1.87	94	28572	5.083	ug/L	94
8) Chloroethane	1.94	64	31721	4.704	ug/L	95
9) Trichlorofluoromethane	2.15	101	71695	4.906	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	42844	5.055	ug/L	100
12) 1,1-Dichloroethene	2.59	96	38733	4.798	ug/L	83
13) Acetone	2.68	43	115520	55.140	ug/L	85
14) Carbon disulfide	2.81	76	128499	5.000	ug/L	97
15) Methyl Acetate	2.97	43	24907	5.080	ug/L	98
16) Methylene chloride	3.06	84	47388	4.917	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	105928	5.035	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	40526	4.952	ug/L	96
19) 1,1-Dichloroethane	3.89	63	83836	4.947	ug/L	98
21) 2-Butanone	4.74	43	187371	55.121	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	41539	4.752	ug/L	99

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00512

Quant Time: Oct 29 13:57:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR102820WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 29 12:31:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	21354	5.135 ug/L	97
25) Chloroform	5.10	83	85775	4.956 ug/L	99
27) 1,2-Dichloroethane	5.81	62	62440	4.930 ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	71616	4.874 ug/L	97
30) Cyclohexane	5.40	56	68806	5.052 ug/L	99
31) Carbon tetrachloride	5.54	117	63440	5.059 ug/L	99
33) Benzene	5.79	78	175659	5.104 ug/L	100
34) Trichloroethene	6.55	95	46080	5.029 ug/L	95
35) Methylcyclohexane	6.77	83	64573	5.062 ug/L	99
37) 1,2-Dichloropropane	6.80	63	50018	5.120 ug/L	99
38) Bromodichloromethane	7.11	83	61128	5.008 ug/L	97
39) cis-1,3-Dichloropropene	7.61	75	65780	5.089 ug/L	95
40) 4-Methyl-2-pentanone	7.80	43	402195	54.507 ug/L	100
42) Toluene	7.97	91	184219	5.294 ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	62159	5.161 ug/L	97
45) 1,1,2-Trichloroethane	8.40	97	35166	5.039 ug/L	91
47) Tetrachloroethene	8.56	164	32094	5.055 ug/L	91
48) 2-Hexanone	8.69	43	306087	55.294 ug/L	99
49) Dibromochloromethane	8.81	129	40355	5.014 ug/L	98
50) 1,2-Dibromoethane	8.92	107	34179	5.231 ug/L	91
51) Chlorobenzene	9.45	112	114396	5.125 ug/L	99
52) Ethylbenzene	9.57	91	188738	5.226 ug/L	99
53) m,p-Xylene	9.69	106	68808	5.266 ug/L	98
54) o-Xylene	10.10	106	66204	5.298 ug/L	98
55) Styrene	10.11	104	117228	5.402 ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.78	83	45627	5.068 ug/L	93
59) Bromoform	10.29	173	22757	4.796 ug/L	97
60) Isopropylbenzene	10.48	105	178206	5.046 ug/L	99
61) 1,2,3-Trichloropropane	10.82	75	35509	4.838 ug/L	97
62) 1,3,5-Trimethylbenzene	11.09	105	139749	4.931 ug/L	99
63) 1,2,4-Trimethylbenzene	11.47	105	147769	5.146 ug/L	100
64) 1,3-Dichlorobenzene	11.74	146	88388	5.018 ug/L	98
65) 1,4-Dichlorobenzene	11.83	146	89575	4.977 ug/L	98
67) 1,2-Dichlorobenzene	12.20	146	83333	4.878 ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.99	75	8563	5.062 ug/L	91
69) 1,3,5-Trichlorobenzene	13.21	180	60164	4.976 ug/L	98
70) 1,2,4-trichlorobenzene	13.83	180	50114	4.921 ug/L	99
71) Naphthalene	14.08	128	85737	4.809 ug/L	99
72) 1,2,3-Trichlorobenzene	14.32	180	48433	5.077 ug/L	99

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

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