Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102820\
Data File : VU041002.D
Acq On : 28 Oct 2020 18:54
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV101

Quant Time: Oct 29 02:06:39 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	124571	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	123021	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	60810	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	39329	4.69	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.80%			
7) Chloroethane-d5	1.92	69	31669	4.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.40%			
11) 1,1-Dichloroethene-d2	2.58	65	18861	4.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.00%			
20) 2-Butanone-d5	4.66	46	174271	49.90	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.80%			
24) Chloroform-d	5.08	84	80717	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	5.72	65	49867	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.60%			
32) Benzene-d6	5.74	84	145204	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
36) 1,2-Dichloropropane-d6	6.70	67	50520	4.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.40%			
41) Toluene-d8	7.91	98	127099	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.00%			
43) trans-1,3-Dichloropropene-	8.19	79	22063	5.02	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.40%			
46) 2-Hexanone-d5	8.64	63	125167	52.32	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.64%			
56) 1,1,2,2-Tetrachloroethane-	10.75	84	46178	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.20%			
66) 1,2-Dichlorobenzene-d4	12.19	152	48075	4.72	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	52891	4.981	ug/L	99
3) Chloromethane	1.53	50	51522	4.633	ug/L	97
5) Vinyl chloride	1.61	62	52462	4.763	ug/L	98
6) Bromomethane	1.87	94	30210	5.144	ug/L	97
8) Chloroethane	1.94	64	30843	4.378	ug/L	98
9) Trichlorofluoromethane	2.15	101	72141	4.725	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	42687	4.821	ug/L	98
12) 1,1-Dichloroethene	2.59	96	40273	4.775	ug/L	97
13) Acetone	2.67	43	107226	48.989	ug/L	99
14) Carbon disulfide	2.81	76	129064	4.807	ug/L	99
15) Methyl Acetate	2.98	43	23588	4.605	ug/L	94
16) Methylene chloride	3.06	84	43855	4.355	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	111049	5.053	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	41769	4.886	ug/L	97
19) 1,1-Dichloroethane	3.89	63	84689	4.784	ug/L	99
21) 2-Butanone	4.74	43	172856	48.673	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	44008	4.819	ug/L	97

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Data File : VU041002.D
Acq On : 28 Oct 2020 18:54
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV101

Quant Time: Oct 29 02:06:39 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	21502	4.949 ug/L	97
25) Chloroform	5.11	83	85236	4.714 ug/L	100
27) 1,2-Dichloroethane	5.81	62	62800	4.746 ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	72225	4.728 ug/L	99
30) Cyclohexane	5.41	56	72406	5.114 ug/L	97
31) Carbon tetrachloride	5.54	117	62434	4.789 ug/L	99
33) Benzene	5.79	78	175013	4.892 ug/L	100
34) Trichloroethene	6.56	95	45957	4.824 ug/L	96
35) Methylcyclohexane	6.77	83	64690	4.878 ug/L	98
37) 1,2-Dichloropropane	6.80	63	49514	4.875 ug/L	99
38) Bromodichloromethane	7.11	83	60765	4.789 ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	66338	4.937 ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	393459	51.290 ug/L	99
42) Toluene	7.98	91	182669	5.049 ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	62385	4.983 ug/L	99
45) 1,1,2-Trichloroethane	8.41	97	33971	4.682 ug/L	99
47) Tetrachloroethene	8.56	164	31989	4.847 ug/L	98
48) 2-Hexanone	8.69	43	294378	51.151 ug/L	99
49) Dibromochloromethane	8.81	129	41505	4.961 ug/L	95
50) 1,2-Dibromoethane	8.93	107	33644	4.953 ug/L	94
51) Chlorobenzene	9.45	112	112686	4.855 ug/L	99
52) Ethylbenzene	9.57	91	190224	5.066 ug/L	100
53) m,p-Xylene	9.69	106	70782	5.210 ug/L	100
54) o-Xylene	10.10	106	65918	5.074 ug/L	95
55) Styrene	10.11	104	119488	5.296 ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.78	83	46092	4.924 ug/L	92
59) Bromoform	10.29	173	22059	4.652 ug/L	95
60) Isopropylbenzene	10.48	105	183993	5.213 ug/L	99
61) 1,2,3-Trichloropropane	10.82	75	35341	4.818 ug/L	99
62) 1,3,5-Trimethylbenzene	11.09	105	148126	5.230 ug/L	98
63) 1,2,4-Trimethylbenzene	11.47	105	151657	5.285 ug/L	99
64) 1,3-Dichlorobenzene	11.74	146	87991	4.999 ug/L	97
65) 1,4-Dichlorobenzene	11.83	146	89602	4.982 ug/L	98
67) 1,2-Dichlorobenzene	12.20	146	83500	4.891 ug/L	96
68) 1,2-Dibromo-3-chloropropan	12.99	75	8752	5.177 ug/L	91
69) 1,3,5-Trichlorobenzene	13.21	180	61420	5.083 ug/L	98
70) 1,2,4-trichlorobenzene	13.83	180	54215	5.327 ug/L	97
71) Naphthalene	14.08	128	104767	5.880 ug/L	99
72) 1,2,3-Trichlorobenzene	14.32	180	51959	5.450 ug/L	98

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

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