Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101719\
Data File : VU035233.D
Acq On : 18 Oct 2019 00:35
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00524

Quant Time: Oct 18 03:54:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 03:45:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	338542	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	325258	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	160904	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	93454	4.53	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.60%			
7) Chloroethane-d5	1.93	69	87154	4.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.40%			
11) 1,1-Dichloroethene-d2	2.60	63	180827	4.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.80%			
20) 2-Butanone-d5	4.72	46	292168	49.25	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.50%			
24) Chloroform-d	5.11	84	184195	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
26) 1,2-Dichloroethane-d4	5.75	65	100798	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	5.77	84	347410	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
36) 1,2-Dichloropropane-d6	6.74	67	113827	4.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.40%			
41) Toluene-d8	7.93	98	319218	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.80%			
43) trans-1,3-Dichloropropene-	8.22	79	50256	4.39	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.80%			
46) 2-Hexanone-d5	8.69	63	250639	49.59	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.18%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	102734	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	129995	4.44	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	138147	4.795	ug/L	98
3) Chloromethane	1.53	50	134296	4.699	ug/L	100
5) Vinyl chloride	1.62	62	144609	4.927	ug/L	99
6) Bromomethane	1.88	94	86272	4.978	ug/L	96
8) Chloroethane	1.95	64	89641	4.736	ug/L	99
9) Trichlorofluoromethane	2.16	101	188591	4.812	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	108600	4.810	ug/L	97
12) 1,1-Dichloroethene	2.61	96	104493	4.805	ug/L	93
13) Acetone	2.69	43	195656	47.416	ug/L	99
14) Carbon disulfide	2.82	76	329044	4.784	ug/L	100
15) Methyl Acetate	3.01	43	45749	4.450	ug/L	100
16) Methylene chloride	3.08	84	118610	4.533	ug/L	97
17) Methyl tert-butyl Ether	3.43	73	274141	4.683	ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	110789	4.720	ug/L	96
19) 1,1-Dichloroethane	3.92	63	207085	4.879	ug/L	99
21) 2-Butanone	4.79	43	307402	45.707	ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	128314	4.946	ug/L	97

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00524

Quant Time: Oct 18 03:54:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 03:45:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.03	128	54379	4.869	ug/L	100
25) Chloroform	5.14	83	218163	4.684	ug/L	97
27) 1,2-Dichloroethane	5.84	62	141224	4.944	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	182922	4.801	ug/L	100
30) Cyclohexane	5.43	56	189867	4.653	ug/L	100
31) Carbon tetrachloride	5.57	117	163720	4.772	ug/L	99
33) Benzene	5.82	78	467452	4.884	ug/L	100
34) Trichloroethene	6.58	95	121575	4.725	ug/L	98
35) Methylcyclohexane	6.80	83	198512	4.617	ug/L	99
37) 1,2-Dichloropropane	6.83	63	118541	4.880	ug/L	100
38) Bromodichloromethane	7.15	83	158597	4.846	ug/L	98
39) cis-1,3-Dichloropropene	7.65	75	185748	4.568	ug/L	98
40) 4-Methyl-2-pentanone	7.85	43	764096	46.589	ug/L	99
42) Toluene	8.01	91	509419	4.822	ug/L	96
44) trans-1,3-Dichloropropene	8.25	75	151266	4.552	ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	86791	4.812	ug/L	99
47) Tetrachloroethene	8.58	164	101632	4.741	ug/L	99
48) 2-Hexanone	8.74	43	556352	48.371	ug/L	99
49) Dibromochloromethane	8.84	129	109502	4.789	ug/L	99
50) 1,2-Dibromoethane	8.96	107	85125	4.721	ug/L	98
51) Chlorobenzene	9.48	112	328464	4.816	ug/L	98
52) Ethylbenzene	9.60	91	577177	4.805	ug/L	100
53) m,p-Xylene	9.73	106	212719	4.689	ug/L	100
54) o-Xylene	10.13	106	210535	4.755	ug/L	98
55) Styrene	10.14	104	353731	4.907	ug/L	98
56) Isopropylbenzene	10.51	105	566148	4.754	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	113641	4.896	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	79691	4.708	ug/L	99
61) Bromoform	10.32	173	64401	4.321	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	255706	4.657	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	252880	4.684	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	241997	4.691	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.03	75	15828	4.344	ug/L	95
67) 1,3,5-Trichlorobenzene	13.25	180	160277	4.711	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	112855	4.982	ug/L	99
69) Naphthalene	14.11	128	158051	5.083	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	110020	5.194	ug/L	99

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

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