Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035365.D
Acq On : 22 Oct 2019 15:43
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00509

Quant Time: Oct 23 08:01:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 06:48:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	262252	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	259418	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	128490	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	65590	4.10	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.00%			
7) Chloroethane-d5	1.93	69	66012	4.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.40%			
11) 1,1-Dichloroethene-d2	2.60	63	138453	4.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.60%			
20) 2-Butanone-d5	4.71	46	283946	61.79	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 123.58%			
24) Chloroform-d	5.11	84	148973	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.00%			
26) 1,2-Dichloroethane-d4	5.75	65	81705	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.00%			
32) Benzene-d6	5.77	84	266593	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
36) 1,2-Dichloropropane-d6	6.73	67	92975	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.80%			
41) Toluene-d8	7.93	98	236762	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.40%			
43) trans-1,3-Dichloropropene-	8.21	79	37509	4.10	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.00%			
46) 2-Hexanone-d5	8.68	63	222976	55.31	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.62%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	93345	5.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 111.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	98435	4.21	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 84.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.40	85	121766	5.456	ug/L	97
3) Chloromethane	1.53	50	137337	6.203	ug/L	98
5) Vinyl chloride	1.62	62	131118	5.766	ug/L	100
6) Bromomethane	1.87	94	81072	6.039	ug/L	100
8) Chloroethane	1.95	64	79723	5.438	ug/L	99
9) Trichlorofluoromethane	2.16	101	165206	5.442	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	95287	5.448	ug/L	95
12) 1,1-Dichloroethene	2.61	96	88616	5.260	ug/L	86
13) Acetone	2.68	43	205219	64.201	ug/L	99
14) Carbon disulfide	2.82	76	281697	5.288	ug/L	100
15) Methyl Acetate	3.00	43	43723	5.490	ug/L	100
16) Methylene chloride	3.08	84	108309	5.344	ug/L	98
17) Methyl tert-butyl Ether	3.43	73	238356	5.256	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	95551	5.255	ug/L	95
19) 1,1-Dichloroethane	3.92	63	187419	5.700	ug/L	100
21) 2-Butanone	4.79	43	300734	57.723	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	114223	5.684	ug/L	100

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Acq On : 22 Oct 2019 15:43
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00509

Quant Time: Oct 23 08:01:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 06:48:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.03	128	46629	5.390	ug/L	94
25) Chloroform	5.14	83	195172	5.410	ug/L	100
27) 1,2-Dichloroethane	5.84	62	123672	5.589	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	156006	5.134	ug/L	99
30) Cyclohexane	5.43	56	153175	4.707	ug/L	98
31) Carbon tetrachloride	5.57	117	138607	5.066	ug/L	99
33) Benzene	5.82	78	412597	5.405	ug/L	100
34) Trichloroethene	6.58	95	107439	5.236	ug/L	96
35) Methylcyclohexane	6.80	83	158889	4.633	ug/L	98
37) 1,2-Dichloropropane	6.83	63	106134	5.478	ug/L	99
38) Bromodichloromethane	7.15	83	138199	5.294	ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	156369	4.821	ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	718583	54.934	ug/L	98
42) Toluene	8.00	91	443655	5.265	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	130116	4.909	ug/L	98
45) 1,1,2-Trichloroethane	8.44	97	78522	5.458	ug/L	98
47) Tetrachloroethene	8.58	164	86414	5.055	ug/L	97
48) 2-Hexanone	8.73	43	519142	56.591	ug/L	98
49) Dibromochloromethane	8.84	129	94834	5.200	ug/L	96
50) 1,2-Dibromoethane	8.96	107	76613	5.328	ug/L	97
51) Chlorobenzene	9.48	112	278239	5.115	ug/L	97
52) Ethylbenzene	9.60	91	475746	4.965	ug/L	99
53) m,p-Xylene	9.72	106	175036	4.838	ug/L	98
54) o-Xylene	10.13	106	174147	4.932	ug/L	97
55) Styrene	10.14	104	292054	5.080	ug/L	99
56) Isopropylbenzene	10.51	105	465608	4.902	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	107844	5.825	ug/L	96
59) 1,2,3-Trichloropropane	10.85	75	76798	5.689	ug/L	95
61) Bromoform	10.32	173	54506	4.580	ug/L	97
62) 1,3-Dichlorobenzene	11.77	146	220362	5.026	ug/L	97
63) 1,4-Dichlorobenzene	11.86	146	217034	5.034	ug/L	100
65) 1,2-Dichlorobenzene	12.24	146	208309	5.057	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	14644	5.033	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	143723	5.290	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	100559	5.559	ug/L	99
69) Naphthalene	14.11	128	139435	5.616	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	99078	5.858	ug/L	100

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

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