Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010220\
Data File : VU036391.D
Acq On : 02 Jan 2020 14:50
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00512

Quant Time: Jan 03 00:47:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 03 00:45:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	300156	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	292534	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	138237	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	87667	4.02	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.40%			
7) Chloroethane-d5	1.93	69	87513	4.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.60%			
11) 1,1-Dichloroethene-d2	2.59	63	175183	4.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.80%			
20) 2-Butanone-d5	4.69	46	239428	43.04	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.08%			
24) Chloroform-d	5.11	84	200899	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
26) 1,2-Dichloroethane-d4	5.75	65	109917	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.20%			
32) Benzene-d6	5.77	84	377278	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
36) 1,2-Dichloropropane-d6	6.73	67	121910	4.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.00%			
41) Toluene-d8	7.93	98	357498	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
43) trans-1,3-Dichloropropene-	8.21	79	53021	4.24	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.80%			
46) 2-Hexanone-d5	8.67	63	262772	48.92	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.84%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	109602	4.67	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.40%			
64) 1,2-Dichlorobenzene-d4	12.21	152	128427	4.36	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	103398	4.312	ug/L	98
3) Chloromethane	1.54	50	102159	4.407	ug/L	100
5) Vinyl chloride	1.62	62	110390	4.395	ug/L	97
6) Bromomethane	1.87	94	62731	4.334	ug/L	99
8) Chloroethane	1.95	64	63919	4.301	ug/L	99
9) Trichlorofluoromethane	2.16	101	156836	4.402	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	84207	4.545	ug/L	99
12) 1,1-Dichloroethene	2.60	96	82796	4.532	ug/L	87
13) Acetone	2.67	43	128818	35.948	ug/L	92
14) Carbon disulfide	2.82	76	260243	4.343	ug/L	99
15) Methyl Acetate	2.99	43	33073	4.182	ug/L	99
16) Methylene chloride	3.08	84	94733	4.084	ug/L	99
17) Methyl tert-butyl Ether	3.41	73	236396	4.473	ug/L	97
18) trans-1,2-Dichloroethene	3.39	96	91182	4.458	ug/L	96
19) 1,1-Dichloroethane	3.92	63	172476	4.656	ug/L	98
21) 2-Butanone	4.77	43	284830	49.121	ug/L	93
22) cis-1,2-Dichloroethene	4.71	96	102010	4.443	ug/L #	100

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Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00512

Quant Time: Jan 03 00:47:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 03 00:45:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.02	128	43647	4.563 ug/L	89
25) Chloroform	5.13	83	179044	4.552 ug/L	98
27) 1,2-Dichloroethane	5.84	62	121043	4.674 ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	158514	4.356 ug/L	98
30) Cyclohexane	5.43	56	164706	4.550 ug/L	96
31) Carbon tetrachloride	5.57	117	136014	4.396 ug/L	100
33) Benzene	5.81	78	386923	4.464 ug/L	100
34) Trichloroethene	6.58	95	104901	4.493 ug/L	96
35) Methylcyclohexane	6.80	83	175743	4.750 ug/L	98
37) 1,2-Dichloropropane	6.83	63	99446	4.447 ug/L	99
38) Bromodichloromethane	7.14	83	134303	4.352 ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	164157	4.478 ug/L	97
40) 4-Methyl-2-pentanone	7.83	43	700965	44.504 ug/L	99
42) Toluene	8.00	91	427423	4.457 ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	133103	4.419 ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	71583	4.402 ug/L	98
47) Tetrachloroethene	8.58	164	71569	4.356 ug/L	98
48) 2-Hexanone	8.72	43	511591	45.888 ug/L	97
49) Dibromochloromethane	8.84	129	91198	4.238 ug/L	98
50) 1,2-Dibromoethane	8.95	107	72493	4.398 ug/L	93
51) Chlorobenzene	9.47	112	265036	4.432 ug/L	97
52) Ethylbenzene	9.60	91	492168	4.630 ug/L	99
53) m,p-Xylene	9.72	106	184451	4.516 ug/L	100
54) o-Xylene	10.12	106	181118	4.565 ug/L	100
55) Styrene	10.14	104	296504	4.397 ug/L	98
56) Isopropylbenzene	10.51	105	479169	4.549 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	95243	4.344 ug/L	97
59) 1,2,3-Trichloropropane	10.85	75	69550	4.509 ug/L	95
61) Bromoform	10.32	173	49930	4.050 ug/L	94
62) 1,3-Dichlorobenzene	11.77	146	204825	4.432 ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	202127	4.423 ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	191249	4.394 ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	16224	4.055 ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	143086	4.357 ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	97322	4.036 ug/L	99
69) Naphthalene	14.11	128	134695	3.208 ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	88152	3.792 ug/L	97

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

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