Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122920\
Data File : VU041829.D
Acq On : 29 Dec 2020 10:49
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00529

Quant Time: Dec 30 01:44:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 28 14:55:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	162001	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	158529	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	83720	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	58807	4.64	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.80%			
7) Chloroethane-d5	1.92	69	58260	5.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 118.80%			
11) 1,1-Dichloroethene-d2	2.58	63	123419	5.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 105.80%			
20) 2-Butanone-d5	4.66	46	166881	45.87	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.74%			
24) Chloroform-d	5.08	84	112061	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.20%			
26) 1,2-Dichloroethane-d4	5.71	65	60612	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
32) Benzene-d6	5.74	84	219890	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
36) 1,2-Dichloropropane-d6	6.70	67	68172	4.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.80%			
41) Toluene-d8	7.90	98	207680	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.40%			
43) trans-1,3-Dichloropropene-	8.18	79	28879	4.51	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.20%			
46) 2-Hexanone-d5	8.64	63	154503	44.16	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.32%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	62613	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	77969	5.24	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	70826	5.161	ug/L	100
3) Chloromethane	1.52	50	66300	4.972	ug/L	100
5) Vinyl chloride	1.61	62	77479	5.262	ug/L	98
6) Bromomethane	1.86	94	55251	6.002	ug/L	99
8) Chloroethane	1.94	64	49771	4.977	ug/L	100
9) Trichlorofluoromethane	2.14	101	110974	5.955	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	64423	5.781	ug/L	98
12) 1,1-Dichloroethene	2.59	96	61773	5.621	ug/L	95
13) Acetone	2.67	43	104930	45.344	ug/L	98
14) Carbon disulfide	2.80	76	201733	5.312	ug/L	100
15) Methyl Acetate	2.97	43	25235	4.195	ug/L	93
16) Methylene chloride	3.06	84	67756	5.162	ug/L	93
17) Methyl tert-butyl Ether	3.38	73	139584	4.760	ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	58947	5.186	ug/L	89
19) 1,1-Dichloroethane	3.88	63	95035	4.473	ug/L	99
21) 2-Butanone	4.74	43	150705	39.982	ug/L	93
22) cis-1,2-Dichloroethene	4.68	96	59221	4.714	ug/L	92

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Data File : VU041829.D
Acq On : 29 Dec 2020 10:49
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00529

Quant Time: Dec 30 01:44:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 28 14:55:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	30262	5.244 ug/L	86
25) Chloroform	5.10	83	104006	4.861 ug/L	100
27) 1,2-Dichloroethane	5.81	62	66048	4.559 ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	87827	4.824 ug/L	97
30) Cyclohexane	5.40	56	83069	4.071 ug/L	91
31) Carbon tetrachloride	5.53	117	80570	5.118 ug/L	99
33) Benzene	5.78	78	227819	4.493 ug/L	100
34) Trichloroethene	6.55	95	59687	4.685 ug/L	94
35) Methylcyclohexane	6.77	83	91522	4.444 ug/L	97
37) 1,2-Dichloropropane	6.80	63	55651	4.291 ug/L	98
38) Bromodichloromethane	7.11	83	75076	4.653 ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	86723	4.513 ug/L	96
40) 4-Methyl-2-pentanone	7.80	43	353925	38.354 ug/L #	95
42) Toluene	7.97	91	246912	4.717 ug/L	97
44) trans-1,3-Dichloropropene	8.21	75	79804	4.644 ug/L	94
45) 1,1,2-Trichloroethane	8.40	97	46607	4.860 ug/L	97
47) Tetrachloroethene	8.56	164	48218	5.406 ug/L	95
48) 2-Hexanone	8.69	43	269339	40.106 ug/L #	97
49) Dibromochloromethane	8.81	129	55771	5.063 ug/L	100
50) 1,2-Dibromoethane	8.92	107	45808	4.829 ug/L	100
51) Chlorobenzene	9.45	112	162070	4.981 ug/L	95
52) Ethylbenzene	9.57	91	260358	4.671 ug/L	99
53) m,p-Xylene	9.69	106	103668	4.987 ug/L	99
54) o-Xylene	10.10	106	101060	4.963 ug/L	94
55) Styrene	10.11	104	172357	4.900 ug/L	99
56) Isopropylbenzene	10.48	105	264440	4.880 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	59640	4.469 ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	42309	4.344 ug/L	97
61) Bromoform	10.29	173	34345	5.427 ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	127214	4.968 ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	128460	4.990 ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	123778	4.937 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	9940	4.227 ug/L #	83
67) 1,3,5-Trichlorobenzene	13.21	180	93418	4.806 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	74283	4.554 ug/L	98
69) Naphthalene	14.07	128	126344	3.742 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	70303	4.522 ug/L	97

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

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