Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082520\
Data File : VU039958.D
Acq On : 25 Aug 2020 10:30
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00509

Quant Time: Aug 26 03:38:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 25 13:01:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	72821	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	70875	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	37357	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	28456	4.48	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.60%			
7) Chloroethane-d5	1.92	69	23329	4.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.60%			
11) 1,1-Dichloroethene-d2	2.58	63	60817	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.80%			
20) 2-Butanone-d5	4.66	46	93541	46.02	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.04%			
24) Chloroform-d	5.08	84	60474	5.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.40%			
26) 1,2-Dichloroethane-d4	5.72	65	34381	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.20%			
32) Benzene-d6	5.74	84	109827	5.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.00%			
36) 1,2-Dichloropropane-d6	6.70	67	34907	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.20%			
41) Toluene-d8	7.91	98	99090	5.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.20%			
43) trans-1,3-Dichloropropene-	8.18	79	14585	4.99	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.80%			
46) 2-Hexanone-d5	8.64	63	68391	46.14	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.28%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	28341	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	37439	5.08	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	37817	4.996	ug/L	99
3) Chloromethane	1.53	50	36036	4.208	ug/L	95
5) Vinyl chloride	1.61	62	37657	4.648	ug/L	96
6) Bromomethane	1.87	94	18368	3.971	ug/L	99
8) Chloroethane	1.94	64	22885	4.417	ug/L	100
9) Trichlorofluoromethane	2.15	101	60644	5.004	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	32968	4.945	ug/L	92
12) 1,1-Dichloroethene	2.59	96	29478	4.628	ug/L	93
13) Acetone	2.66	43	64585	46.497	ug/L #	48
14) Carbon disulfide	2.81	76	90972	4.420	ug/L	99
15) Methyl Acetate	2.97	43	16818	4.717	ug/L	99
16) Methylene chloride	3.06	84	35769	4.084	ug/L	95
17) Methyl tert-butyl Ether	3.38	73	84491	5.261	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	32234	4.873	ug/L	95
19) 1,1-Dichloroethane	3.89	63	65497	5.341	ug/L	96
21) 2-Butanone	4.74	43	108908	45.125	ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	35129	5.073	ug/L	88

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00509

Quant Time: Aug 26 03:38:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 25 13:01:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	16207	4.976 ug/L	94
25) Chloroform	5.11	83	66854	5.379 ug/L	100
27) 1,2-Dichloroethane	5.81	62	46739	5.359 ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	58704	5.631 ug/L	99
30) Cyclohexane	5.40	56	52852	5.121 ug/L	99
31) Carbon tetrachloride	5.54	117	51321	5.576 ug/L	98
33) Benzene	5.79	78	134909	5.238 ug/L	100
34) Trichloroethene	6.56	95	35674	5.337 ug/L	97
35) Methylcyclohexane	6.77	83	53808	5.255 ug/L	97
37) 1,2-Dichloropropane	6.80	63	36155	5.282 ug/L #	97
38) Bromodichloromethane	7.11	83	47254	5.432 ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	51183	5.351 ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	260182	47.998 ug/L	98
42) Toluene	7.97	91	137595	5.224 ug/L	97
44) trans-1,3-Dichloropropene	8.21	75	46840	5.211 ug/L	95
45) 1,1,2-Trichloroethane	8.40	97	25399	4.884 ug/L	96
47) Tetrachloroethene	8.56	164	27523	5.581 ug/L	91
48) 2-Hexanone	8.69	43	185135	47.659 ug/L	97
49) Dibromochloromethane	8.81	129	31854	5.130 ug/L	99
50) 1,2-Dibromoethane	8.93	107	24480	4.943 ug/L #	98
51) Chlorobenzene	9.45	112	86237	5.014 ug/L	97
52) Ethylbenzene	9.57	91	149099	5.204 ug/L	98
53) m,p-Xylene	9.69	106	56514	5.138 ug/L	98
54) o-Xylene	10.10	106	54418	5.234 ug/L	92
55) Styrene	10.11	104	92716	5.145 ug/L	97
56) Isopropylbenzene	10.48	105	145921	5.236 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	30363	4.521 ug/L	95
59) 1,2,3-Trichloropropane	10.82	75	23145	4.719 ug/L	99
61) Bromoform	10.29	173	17673	5.371 ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	70543	5.100 ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	71174	5.054 ug/L	97
65) 1,2-Dichlorobenzene	12.20	146	66799	5.004 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	5802	5.315 ug/L	91
67) 1,3,5-Trichlorobenzene	13.21	180	55377	5.391 ug/L	96
68) 1,2,4-trichlorobenzene	13.83	180	47051	5.369 ug/L	99
69) Naphthalene	14.08	128	77143	4.766 ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	42986	5.249 ug/L	98

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

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