Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081920\
Data File : VU039910.D
Acq On : 19 Aug 2020 16:23
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00525

Quant Time: Aug 20 08:17:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 20 08:13:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	75402	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	71265	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	36743	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	31471	4.78	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.60%			
7) Chloroethane-d5	1.92	69	26249	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.40%			
11) 1,1-Dichloroethene-d2	2.58	63	60122	4.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.40%			
20) 2-Butanone-d5	4.67	46	95935	45.58	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.16%			
24) Chloroform-d	5.08	84	56689	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
26) 1,2-Dichloroethane-d4	5.72	65	32076	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.20%			
32) Benzene-d6	5.74	84	110575	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.20%			
36) 1,2-Dichloropropane-d6	6.70	67	35277	5.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.80%			
41) Toluene-d8	7.91	98	98664	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.20%			
43) trans-1,3-Dichloropropene-	8.19	79	14445	4.92	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.40%			
46) 2-Hexanone-d5	8.64	63	73802	49.52	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.04%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29477	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	38419	5.30	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	37909	4.837	ug/L	98
3) Chloromethane	1.53	50	40955	4.619	ug/L	96
5) Vinyl chloride	1.61	62	41881	4.992	ug/L	98
6) Bromomethane	1.87	94	23286	4.862	ug/L	99
8) Chloroethane	1.94	64	24845	4.631	ug/L	99
9) Trichlorofluoromethane	2.15	101	63597	5.068	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	33245	4.816	ug/L	98
12) 1,1-Dichloroethene	2.59	96	30737	4.661	ug/L	92
13) Acetone	2.67	43	61200	42.552	ug/L	93
14) Carbon disulfide	2.81	76	104770	4.916	ug/L	100
15) Methyl Acetate	2.97	43	15254	4.132	ug/L #	90
16) Methylene chloride	3.06	84	37517	4.137	ug/L	91
17) Methyl tert-butyl Ether	3.39	73	79876	4.803	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	34543	5.044	ug/L	94
19) 1,1-Dichloroethane	3.89	63	61338	4.831	ug/L	98
21) 2-Butanone	4.75	43	103645	41.475	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	34851	4.861	ug/L	93

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	15699	4.655 ug/L	95
25) Chloroform	5.11	83	62191	4.832 ug/L	99
27) 1,2-Dichloroethane	5.81	62	42950	4.756 ug/L	98
29) 1,1,1-Trichloroethane	5.34	97	53733	5.126 ug/L	99
30) Cyclohexane	5.41	56	56570	5.451 ug/L	97
31) Carbon tetrachloride	5.54	117	48278	5.216 ug/L	98
33) Benzene	5.79	78	137720	5.318 ug/L	100
34) Trichloroethene	6.56	95	34692	5.162 ug/L	94
35) Methylcyclohexane	6.78	83	56384	5.476 ug/L	98
37) 1,2-Dichloropropane	6.80	63	36280	5.271 ug/L #	96
38) Bromodichloromethane	7.12	83	45474	5.199 ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	48959	5.090 ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	261536	47.984 ug/L	99
42) Toluene	7.98	91	142109	5.366 ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	44346	4.906 ug/L	98
45) 1,1,2-Trichloroethane	8.41	97	26531	5.073 ug/L	99
47) Tetrachloroethene	8.56	164	26531	5.351 ug/L	93
48) 2-Hexanone	8.69	43	190308	48.723 ug/L	100
49) Dibromochloromethane	8.81	129	30667	4.912 ug/L	99
50) 1,2-Dibromoethane	8.93	107	25676	5.156 ug/L #	93
51) Chlorobenzene	9.45	112	91855	5.311 ug/L	96
52) Ethylbenzene	9.57	91	151655	5.264 ug/L	99
53) m,p-Xylene	9.69	106	60132	5.437 ug/L	91
54) o-Xylene	10.10	106	55835	5.341 ug/L	98
55) Styrene	10.11	104	97159	5.362 ug/L	99
56) Isopropylbenzene	10.48	105	149309	5.329 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	30387	4.500 ug/L	94
59) 1,2,3-Trichloropropane	10.82	75	23078	4.680 ug/L	96
61) Bromoform	10.29	173	16868	5.212 ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	72624	5.338 ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	72327	5.222 ug/L	93
65) 1,2-Dichlorobenzene	12.20	146	68704	5.233 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	5349	4.982 ug/L #	79
67) 1,3,5-Trichlorobenzene	13.21	180	51396	5.087 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	45942	5.331 ug/L	98
69) Naphthalene	14.08	128	82982	5.212 ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	41325	5.131 ug/L	96

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

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