Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071720\
Data File : VU039563.D
Acq On : 17 Jul 2020 20:16
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00526

Quant Time: Jul 17 23:45:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 17 23:38:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	93090	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	94498	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47870	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	22030	4.08	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.60%			
7) Chloroethane-d5	1.93	69	23308	4.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.40%			
11) 1,1-Dichloroethene-d2	2.58	63	48576	4.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.60%			
20) 2-Butanone-d5	4.66	46	110646	44.82	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.64%			
24) Chloroform-d	5.08	84	49438	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.00%			
26) 1,2-Dichloroethane-d4	5.72	65	36329	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.80%			
32) Benzene-d6	5.74	84	101115	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.80%			
36) 1,2-Dichloropropane-d6	6.71	67	34851	4.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.20%			
41) Toluene-d8	7.91	98	95126	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
43) trans-1,3-Dichloropropene-	8.19	79	15250	4.32	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.40%			
46) 2-Hexanone-d5	8.64	63	85654	40.91	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.82%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	34782	4.39	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	38284	4.48	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.60%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	28465	5.045	ug/L	97
3) Chloromethane	1.53	50	30216	4.420	ug/L	97
5) Vinyl chloride	1.61	62	31590	4.162	ug/L	99
6) Bromomethane	1.87	94	19148	5.858	ug/L	94
8) Chloroethane	1.94	64	23941	4.366	ug/L	99
9) Trichlorofluoromethane	2.15	101	67611	5.130	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	27428	5.071	ug/L	97
12) 1,1-Dichloroethene	2.59	96	24636	4.450	ug/L	96
13) Acetone	2.66	43	56674	42.532	ug/L	96
14) Carbon disulfide	2.81	76	74574	3.824	ug/L	100
15) Methyl Acetate	2.97	43	15007	4.264	ug/L	94
16) Methylene chloride	3.06	84	39367	5.653	ug/L	92
17) Methyl tert-butyl Ether	3.38	73	75212	4.311	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	27215	4.440	ug/L	98
19) 1,1-Dichloroethane	3.89	63	54458	4.541	ug/L	99
21) 2-Butanone	4.74	43	104351	43.875	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	32981	4.799	ug/L	95

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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	5.00	128	14282	4.574 ug/L	98
25) Chloroform	5.11	83	64912	5.360 ug/L	97
27) 1,2-Dichloroethane	5.81	62	43796	4.999 ug/L	100
29) 1,1,1-Trichloroethane	5.34	97	51635	4.639 ug/L	96
30) Cyclohexane	5.41	56	49703	4.242 ug/L	98
31) Carbon tetrachloride	5.54	117	43399	4.570 ug/L	99
33) Benzene	5.79	78	122114	4.322 ug/L	100
34) Trichloroethene	6.56	95	33326	4.563 ug/L	96
35) Methylcyclohexane	6.78	83	49634	4.242 ug/L	99
37) 1,2-Dichloropropane	6.81	63	33851	4.395 ug/L	100
38) Bromodichloromethane	7.12	83	43262	4.399 ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	47423	4.073 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	265484	41.321 ug/L	97
42) Toluene	7.98	91	137425	4.542 ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	42681	4.132 ug/L	99
45) 1,1,2-Trichloroethane	8.41	97	24921	4.505 ug/L	95
47) Tetrachloroethene	8.56	164	22925	4.512 ug/L	93
48) 2-Hexanone	8.69	43	196251	41.427 ug/L	97
49) Dibromochloromethane	8.82	129	30051	4.485 ug/L	99
50) 1,2-Dibromoethane	8.93	107	25237	4.490 ug/L	99
51) Chlorobenzene	9.45	112	84338	4.562 ug/L	98
52) Ethylbenzene	9.57	91	152182	4.552 ug/L	100
53) m,p-Xylene	9.70	106	56511	4.486 ug/L	97
54) o-Xylene	10.10	106	55786	4.549 ug/L	98
55) Styrene	10.12	104	92730	4.345 ug/L	97
56) Isopropylbenzene	10.48	105	150021	4.523 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	33596	4.363 ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	24728	4.356 ug/L	99
61) Bromoform	10.29	173	16689	4.136 ug/L #	99
62) 1,3-Dichlorobenzene	11.74	146	66348	4.423 ug/L	95
63) 1,4-Dichlorobenzene	11.83	146	67048	4.455 ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	66409	4.416 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	5601	4.216 ug/L #	83
67) 1,3,5-Trichlorobenzene	13.21	180	49027	4.368 ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	40944	4.262 ug/L	95
69) Naphthalene	14.08	128	66439	3.437 ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	38174	4.289 ug/L	97

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

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