Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120420\
Data File : VU041479.D
Acq On : 04 Dec 2020 18:36
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00528

Quant Time: Dec 05 05:27:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 05 05:22:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	51541	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	51457	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	30045	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	11835	4.47	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.40%			
7) Chloroethane-d5	1.92	69	11487	4.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.00%			
11) 1,1-Dichloroethene-d2	2.58	63	31279	4.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.60%			
20) 2-Butanone-d5	4.66	46	50473	50.84	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.68%			
24) Chloroform-d	5.08	84	37965	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.80%			
26) 1,2-Dichloroethane-d4	5.72	65	24640	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
32) Benzene-d6	5.74	84	56364	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.40%			
36) 1,2-Dichloropropane-d6	6.70	67	16154	4.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.40%			
41) Toluene-d8	7.90	98	56991	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.40%			
43) trans-1,3-Dichloropropene-	8.19	79	10350	5.21	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.20%			
46) 2-Hexanone-d5	8.64	63	40465	48.96	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.92%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	18154	4.91	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	27258	5.30	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	24677	5.408	ug/L	97
3) Chloromethane	1.53	50	14135	4.792	ug/L	100
5) Vinyl chloride	1.61	62	18011	5.122	ug/L	95
6) Bromomethane	1.87	94	13492	5.550	ug/L	95
8) Chloroethane	1.94	64	11607	5.074	ug/L	98
9) Trichlorofluoromethane	2.15	101	43482	5.550	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	19358	5.513	ug/L	96
12) 1,1-Dichloroethene	2.59	96	16586	5.497	ug/L	93
13) Acetone	2.66	43	37235	48.179	ug/L	99
14) Carbon disulfide	2.81	76	46889	5.041	ug/L	97
15) Methyl Acetate	2.97	43	7090	5.013	ug/L	93
16) Methylene chloride	3.06	84	17566	4.362	ug/L	88
17) Methyl tert-butyl Ether	3.38	73	48966	5.348	ug/L	96
18) trans-1,2-Dichloroethene	3.37	96	17023	5.586	ug/L	93
19) 1,1-Dichloroethane	3.89	63	29195	5.186	ug/L	95
21) 2-Butanone	4.73	43	48345	49.993	ug/L	100
22) cis-1,2-Dichloroethene	4.69	96	17673	5.230	ug/L	97

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 05 05:22:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	9709	5.497 ug/L	95
25) Chloroform	5.11	83	38121	5.315 ug/L	98
27) 1,2-Dichloroethane	5.81	62	30077	5.365 ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	38288	5.192 ug/L	98
30) Cyclohexane	5.41	56	21748	4.690 ug/L	91
31) Carbon tetrachloride	5.54	117	35962	5.266 ug/L	99
33) Benzene	5.79	78	65287	5.126 ug/L	100
34) Trichloroethene	6.55	95	19619	5.104 ug/L	97
35) Methylcyclohexane	6.77	83	27254	5.197 ug/L	95
37) 1,2-Dichloropropane	6.80	63	15189	5.089 ug/L	98
38) Bromodichloromethane	7.11	83	28870	5.295 ug/L	97
39) cis-1,3-Dichloropropene	7.62	75	26659	4.944 ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	113390	47.417 ug/L	98
42) Toluene	7.98	91	75915	5.296 ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	27666	5.138 ug/L	100
45) 1,1,2-Trichloroethane	8.40	97	14960	5.197 ug/L	98
47) Tetrachloroethene	8.56	164	16900	5.566 ug/L	97
48) 2-Hexanone	8.69	43	86418	44.973 ug/L	94
49) Dibromochloromethane	8.81	129	21601	5.508 ug/L	98
50) 1,2-Dibromoethane	8.93	107	15307	5.272 ug/L	99
51) Chlorobenzene	9.45	112	51321	5.372 ug/L	99
52) Ethylbenzene	9.57	91	84424	5.139 ug/L	97
53) m,p-Xylene	9.69	106	33186	5.565 ug/L	99
54) o-Xylene	10.10	106	30454	5.268 ug/L	99
55) Styrene	10.11	104	55505	5.654 ug/L	94
56) Isopropylbenzene	10.48	105	88333	5.412 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	17624	4.984 ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	14940	5.159 ug/L	94
61) Bromoform	10.29	173	14021	5.554 ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	45336	5.354 ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	44860	5.168 ug/L	97
65) 1,2-Dichlorobenzene	12.20	146	42956	5.124 ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.99	75	4148	5.052 ug/L	95
67) 1,3,5-Trichlorobenzene	13.21	180	35718	5.279 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	28173	5.202 ug/L	99
69) Naphthalene	14.08	128	43125	5.068 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	26205	5.467 ug/L	97

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

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