Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121520\
Data File : VU041654.D
Acq On : 15 Dec 2020 22:16
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00518

Quant Time: Dec 16 08:34:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 16 04:34:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	121925	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	116557	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61806	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	41720	4.38	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.60%			
7) Chloroethane-d5	1.92	69	36321	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.40%			
11) 1,1-Dichloroethene-d2	2.58	63	84235	4.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.00%			
20) 2-Butanone-d5	4.66	46	142128	51.91	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.82%			
24) Chloroform-d	5.08	84	80040	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
26) 1,2-Dichloroethane-d4	5.72	65	45463	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
32) Benzene-d6	5.74	84	154634	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
36) 1,2-Dichloropropane-d6	6.70	67	48180	4.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.00%			
41) Toluene-d8	7.90	98	145567	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
43) trans-1,3-Dichloropropene-	8.19	79	21705	4.61	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.20%			
46) 2-Hexanone-d5	8.64	63	125910	48.95	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.90%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47885	5.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	55595	5.06	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	53122	5.143	ug/L	100
3) Chloromethane	1.53	50	49688	4.951	ug/L	99
5) Vinyl chloride	1.61	62	56092	5.062	ug/L	99
6) Bromomethane	1.87	94	38731	5.590	ug/L	100
8) Chloroethane	1.94	64	34779	4.621	ug/L	100
9) Trichlorofluoromethane	2.15	101	79184	5.646	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	43139	5.143	ug/L	97
12) 1,1-Dichloroethene	2.59	96	42272	5.111	ug/L	94
13) Acetone	2.68	43	86420	49.620	ug/L	68
14) Carbon disulfide	2.81	76	137365	4.806	ug/L	99
15) Methyl Acetate	2.98	43	19885	4.392	ug/L	96
16) Methylene chloride	3.06	84	51364	5.200	ug/L	93
17) Methyl tert-butyl Ether	3.38	73	111629	5.058	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	42986	5.025	ug/L	92
19) 1,1-Dichloroethane	3.89	63	78287	4.896	ug/L	96
21) 2-Butanone	4.74	43	143276	50.506	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	47726	5.047	ug/L	96

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ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
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Quant Time: Dec 16 08:34:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 16 04:34:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	23581	5.429 ug/L	91
25) Chloroform	5.11	83	83273	5.172 ug/L	99
27) 1,2-Dichloroethane	5.81	62	56994	5.227 ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	71668	5.354 ug/L	98
30) Cyclohexane	5.40	56	65256	4.350 ug/L	92
31) Carbon tetrachloride	5.54	117	63800	5.512 ug/L	100
33) Benzene	5.79	78	185512	4.977 ug/L	100
34) Trichloroethene	6.55	95	46754	4.991 ug/L	92
35) Methylcyclohexane	6.77	83	70741	4.672 ug/L	99
37) 1,2-Dichloropropane	6.80	63	46207	4.846 ug/L	100
38) Bromodichloromethane	7.11	83	61448	5.180 ug/L	97
39) cis-1,3-Dichloropropene	7.61	75	67862	4.803 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	339138	49.986 ug/L	97
42) Toluene	7.97	91	195280	5.074 ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	64457	5.102 ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	37960	5.383 ug/L	96
47) Tetrachloroethene	8.56	164	34462	5.256 ug/L	98
48) 2-Hexanone	8.69	43	261129	52.885 ug/L	99
49) Dibromochloromethane	8.81	129	44229	5.461 ug/L	96
50) 1,2-Dibromoethane	8.93	107	36675	5.258 ug/L	94
51) Chlorobenzene	9.45	112	121178	5.065 ug/L	97
52) Ethylbenzene	9.57	91	198655	4.847 ug/L	99
53) m,p-Xylene	9.69	106	78927	5.164 ug/L	95
54) o-Xylene	10.10	106	76039	5.079 ug/L	93
55) Styrene	10.11	104	129591	5.011 ug/L	96
56) Isopropylbenzene	10.48	105	198293	4.977 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	50258	5.122 ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	37291	5.208 ug/L	100
61) Bromoform	10.29	173	27207	5.823 ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	93304	4.936 ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	93894	4.940 ug/L	97
65) 1,2-Dichlorobenzene	12.20	146	97481	5.266 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	9326	5.372 ug/L	90
67) 1,3,5-Trichlorobenzene	13.21	180	69402	4.837 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	51780	4.300 ug/L	97
69) Naphthalene	14.07	128	103174	4.139 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	50888	4.434 ug/L	99

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

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