Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092620\
Data File : VU040288.D
Acq On : 25 Sep 2020 09:51
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00519

Quant Time: Sep 26 04:47:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 24 02:21:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	140763	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	135030	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	71576	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	35752	4.65	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.00%			
7) Chloroethane-d5	1.92	69	33605	5.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.00%			
11) 1,1-Dichloroethene-d2	2.58	63	89887	4.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.20%			
20) 2-Butanone-d5	4.66	46	179769	58.48	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.96%			
24) Chloroform-d	5.08	84	80691	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
26) 1,2-Dichloroethane-d4	5.72	65	49090	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.60%			
32) Benzene-d6	5.74	84	149314	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
36) 1,2-Dichloropropane-d6	6.70	67	51937	5.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.00%			
41) Toluene-d8	7.90	98	133122	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
43) trans-1,3-Dichloropropene-	8.19	79	21311	4.46	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.20%			
46) 2-Hexanone-d5	8.64	63	129949	57.47	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.94%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45667	5.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	51829	4.47	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	57165	4.092	ug/L	98
3) Chloromethane	1.53	50	59068	4.416	ug/L	100
5) Vinyl chloride	1.61	62	62986	4.645	ug/L	96
6) Bromomethane	1.87	94	33511	4.835	ug/L	98
8) Chloroethane	1.94	64	39096	4.798	ug/L	98
9) Trichlorofluoromethane	2.15	101	89258	4.596	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	58465	4.644	ug/L	97
12) 1,1-Dichloroethene	2.59	96	52953	4.861	ug/L	93
13) Acetone	2.67	43	159281	55.972	ug/L	66
14) Carbon disulfide	2.81	76	144907	4.149	ug/L	100
15) Methyl Acetate	2.97	43	36447	5.103	ug/L	96
16) Methylene chloride	3.06	84	61277	4.295	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	157165	4.787	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	54576	4.657	ug/L	96
19) 1,1-Dichloroethane	3.89	63	115601	4.793	ug/L	100
21) 2-Butanone	4.74	43	258791	55.703	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	61841	4.908	ug/L	100

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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 : VSTD00519

Quant Time: Sep 26 04:47:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 24 02:21:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	28069	5.084	ug/L	98
25) Chloroform	5.11	83	119754	4.848	ug/L	99
27) 1,2-Dichloroethane	5.81	62	82119	4.538	ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	99252	4.681	ug/L	99
30) Cyclohexane	5.40	56	97552	4.745	ug/L	98
31) Carbon tetrachloride	5.54	117	83844	4.621	ug/L	100
33) Benzene	5.79	78	237810	4.923	ug/L	100
34) Trichloroethene	6.55	95	62145	4.796	ug/L	98
35) Methylcyclohexane	6.77	83	89699	4.521	ug/L	99
37) 1,2-Dichloropropane	6.80	63	66584	5.090	ug/L	100
38) Bromodichloromethane	7.11	83	86575	4.849	ug/L	96
39) cis-1,3-Dichloropropene	7.61	75	94312	4.889	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	591586	55.123	ug/L	100
42) Toluene	7.97	91	248065	4.986	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	87717	4.907	ug/L	94
45) 1,1,2-Trichloroethane	8.40	97	47695	5.005	ug/L	93
47) Tetrachloroethene	8.56	164	42860	5.036	ug/L	97
48) 2-Hexanone	8.69	43	441630	56.414	ug/L	99
49) Dibromochloromethane	8.81	129	56154	4.910	ug/L	99
50) 1,2-Dibromoethane	8.92	107	46708	5.084	ug/L	95
51) Chlorobenzene	9.45	112	158096	5.119	ug/L	97
52) Ethylbenzene	9.57	91	271449	4.802	ug/L	100
53) m,p-Xylene	9.69	106	101920	5.065	ug/L	95
54) o-Xylene	10.10	106	96817	5.049	ug/L	98
55) Styrene	10.11	104	174285	5.226	ug/L	99
56) Isopropylbenzene	10.48	105	268189	5.128	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	65001	5.320	ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	49617	5.120	ug/L	97
61) Bromoform	10.29	173	32022	4.878	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	128800	4.923	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	130465	4.928	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	124332	4.912	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	11340	4.189	ug/L	99
67) 1,3,5-Trichlorobenzene	13.21	180	91469	4.973	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	76706	4.841	ug/L	98
69) Naphthalene	14.08	128	137971	4.178	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	71452	4.910	ug/L	97

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

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