Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091020\
Data File : VU040071.D
Acq On : 10 Sep 2020 09:53
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00526

Quant Time: Sep 11 01:50:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 10 14:05:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	114300	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	113356	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57972	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	37645	6.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 120.60%			
7) Chloroethane-d5	1.92	69	30696	5.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 118.00%			
11) 1,1-Dichloroethene-d2	2.58	63	85466	5.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 106.80%			
20) 2-Butanone-d5	4.65	46	115659	46.33	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.66%			
24) Chloroform-d	5.08	84	70677	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
26) 1,2-Dichloroethane-d4	5.72	65	40312	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.60%			
32) Benzene-d6	5.74	84	135122	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.20%			
36) 1,2-Dichloropropane-d6	6.70	67	40599	4.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.00%			
41) Toluene-d8	7.90	98	119966	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
43) trans-1,3-Dichloropropene-	8.19	79	18509	4.62	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.40%			
46) 2-Hexanone-d5	8.64	63	83557	44.02	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.04%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	35513	4.71	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	42406	4.52	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	55588	4.900	ug/L	95
3) Chloromethane	1.53	50	53169	4.896	ug/L	99
5) Vinyl chloride	1.61	62	52012	4.724	ug/L	100
6) Bromomethane	1.86	94	26963	4.791	ug/L	92
8) Chloroethane	1.94	64	31900	4.821	ug/L	99
9) Trichlorofluoromethane	2.15	101	80369	5.096	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	50528	4.942	ug/L	99
12) 1,1-Dichloroethene	2.59	96	44767	5.061	ug/L	93
13) Acetone	2.66	43	112145	48.532	ug/L	95
14) Carbon disulfide	2.80	76	131326	4.630	ug/L	99
15) Methyl Acetate	2.97	43	27633	4.765	ug/L	94
16) Methylene chloride	3.06	84	53159	4.589	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	121319	4.551	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	47178	4.958	ug/L	94
19) 1,1-Dichloroethane	3.89	63	97782	4.992	ug/L	100
21) 2-Butanone	4.73	43	182979	48.503	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	50649	4.950	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 : VSTD00526

Quant Time: Sep 11 01:50:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 10 14:05:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	22603	5.042 ug/L	97
25) Chloroform	5.10	83	101022	5.037 ug/L	97
27) 1,2-Dichloroethane	5.81	62	71862	4.890 ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	85699	4.815 ug/L	98
30) Cyclohexane	5.40	56	79330	4.596 ug/L	99
31) Carbon tetrachloride	5.54	117	73377	4.817 ug/L	98
33) Benzene	5.79	78	199264	4.914 ug/L	100
34) Trichloroethene	6.55	95	53753	4.942 ug/L	97
35) Methylcyclohexane	6.77	83	77088	4.628 ug/L	98
37) 1,2-Dichloropropane	6.80	63	55562	5.060 ug/L	98
38) Bromodichloromethane	7.11	83	73539	4.906 ug/L	96
39) cis-1,3-Dichloropropene	7.61	75	77442	4.782 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	429959	47.723 ug/L	100
42) Toluene	7.97	91	212950	5.099 ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	71902	4.792 ug/L	97
45) 1,1,2-Trichloroethane	8.40	97	38781	4.848 ug/L	96
47) Tetrachloroethene	8.56	164	35076	4.909 ug/L	94
48) 2-Hexanone	8.69	43	319417	48.604 ug/L	100
49) Dibromochloromethane	8.82	129	46554	4.849 ug/L	99
50) 1,2-Dibromoethane	8.93	107	38390	4.978 ug/L	98
51) Chlorobenzene	9.45	112	131611	5.076 ug/L	98
52) Ethylbenzene	9.57	91	236916	4.993 ug/L	99
53) m,p-Xylene	9.69	106	87839	5.199 ug/L	98
54) o-Xylene	10.10	106	82896	5.149 ug/L	99
55) Styrene	10.11	104	151984	5.429 ug/L	96
56) Isopropylbenzene	10.48	105	227599	5.184 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	51466	5.018 ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	40104	4.930 ug/L	97
61) Bromoform	10.29	173	23901	4.495 ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	105373	4.973 ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	108066	5.040 ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	100368	4.895 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	8908	4.062 ug/L	92
67) 1,3,5-Trichlorobenzene	13.21	180	72319	4.854 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	59241	4.616 ug/L	99
69) Naphthalene	14.08	128	103177	3.857 ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	53741	4.559 ug/L	98

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

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