Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091620\
Data File : VU040142.D
Acq On : 16 Sep 2020 10:19
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Quant Time: Sep 17 01:07:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 16 13:22:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	121300	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	117675	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59925	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	29770	4.50	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.00%			
7) Chloroethane-d5	1.92	69	27621	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.20%			
11) 1,1-Dichloroethene-d2	2.58	63	80595	4.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.80%			
20) 2-Butanone-d5	4.66	46	120151	45.36	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.72%			
24) Chloroform-d	5.08	84	68772	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.00%			
26) 1,2-Dichloroethane-d4	5.72	65	41131	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.20%			
32) Benzene-d6	5.74	84	123852	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.20%			
36) 1,2-Dichloropropane-d6	6.70	67	39745	4.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.80%			
41) Toluene-d8	7.90	98	108691	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.60%			
43) trans-1,3-Dichloropropene-	8.19	79	17942	4.31	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.20%			
46) 2-Hexanone-d5	8.64	63	89683	45.51	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.02%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	36833	4.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	43394	4.47	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	59432	4.937	ug/L	99
3) Chloromethane	1.53	50	49654	4.308	ug/L	99
5) Vinyl chloride	1.61	62	55439	4.745	ug/L	96
6) Bromomethane	1.87	94	24600	4.119	ug/L	93
8) Chloroethane	1.94	64	33543	4.777	ug/L	97
9) Trichlorofluoromethane	2.15	101	85303	5.097	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	56418	5.200	ug/L	98
12) 1,1-Dichloroethene	2.59	96	49001	5.220	ug/L	94
13) Acetone	2.68	43	106943	43.610	ug/L	97
14) Carbon disulfide	2.81	76	136519	4.536	ug/L	98
15) Methyl Acetate	2.97	43	24215	3.934	ug/L	94
16) Methylene chloride	3.06	84	58226	4.736	ug/L	93
17) Methyl tert-butyl Ether	3.38	73	132785	4.693	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	50311	4.982	ug/L	96
19) 1,1-Dichloroethane	3.89	63	101668	4.891	ug/L	98
21) 2-Butanone	4.74	43	195429	48.814	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	54013	4.974	ug/L	96

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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 : VSTD00508

Quant Time: Sep 17 01:07:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 16 13:22:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	25927	5.450 ug/L	88
25) Chloroform	5.11	83	107383	5.045 ug/L	98
27) 1,2-Dichloroethane	5.81	62	77866	4.993 ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	92953	5.031 ug/L	99
30) Cyclohexane	5.40	56	84472	4.715 ug/L	100
31) Carbon tetrachloride	5.54	117	80110	5.066 ug/L	96
33) Benzene	5.79	78	214812	5.103 ug/L	100
34) Trichloroethene	6.55	95	55608	4.924 ug/L	96
35) Methylcyclohexane	6.77	83	84316	4.876 ug/L	96
37) 1,2-Dichloropropane	6.80	63	57441	5.039 ug/L	99
38) Bromodichloromethane	7.11	83	76939	4.944 ug/L	95
39) cis-1,3-Dichloropropene	7.61	75	80744	4.803 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	455497	48.702 ug/L	99
42) Toluene	7.97	91	224920	5.188 ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	76094	4.885 ug/L	95
45) 1,1,2-Trichloroethane	8.40	97	42239	5.087 ug/L	96
47) Tetrachloroethene	8.56	164	38322	5.166 ug/L	97
48) 2-Hexanone	8.69	43	338601	49.632 ug/L	99
49) Dibromochloromethane	8.81	129	51168	5.134 ug/L	98
50) 1,2-Dibromoethane	8.93	107	40685	5.082 ug/L	99
51) Chlorobenzene	9.45	112	142864	5.308 ug/L	95
52) Ethylbenzene	9.57	91	250729	5.090 ug/L	98
53) m,p-Xylene	9.69	106	93205	5.315 ug/L	98
54) o-Xylene	10.10	106	86911	5.200 ug/L	99
55) Styrene	10.11	104	158164	5.442 ug/L	98
56) Isopropylbenzene	10.48	105	240357	5.273 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	55776	5.238 ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	42504	5.033 ug/L	99
61) Bromoform	10.29	173	25735	4.682 ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	115610	5.278 ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	117577	5.305 ug/L	99
65) 1,2-Dichlorobenzene	12.20	146	109850	5.183 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	9761	4.306 ug/L	96
67) 1,3,5-Trichlorobenzene	13.21	180	80853	5.250 ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	64445	4.858 ug/L	99
69) Naphthalene	14.08	128	118717	4.293 ug/L	97
70) 1,2,3-Trichlorobenzene	14.32	180	59859	4.913 ug/L	96

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

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