Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092820\
Data File : VU040325.D
Acq On : 28 Sep 2020 10:28
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00522

Quant Time: Sep 28 10:45:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 26 06:44:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	152108	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	147280	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	77795	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	38295	4.61	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.20%			
7) Chloroethane-d5	1.92	69	36682	5.30	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.00%			
11) 1,1-Dichloroethene-d2	2.58	63	98247	4.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.20%			
20) 2-Butanone-d5	4.66	46	211336	63.62	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 127.24%			
24) Chloroform-d	5.08	84	92489	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
26) 1,2-Dichloroethane-d4	5.72	65	55076	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.00%			
32) Benzene-d6	5.74	84	169046	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.40%			
36) 1,2-Dichloropropane-d6	6.70	67	57388	5.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.20%			
41) Toluene-d8	7.90	98	150225	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
43) trans-1,3-Dichloropropene-	8.19	79	24565	4.72	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.40%			
46) 2-Hexanone-d5	8.64	63	155396	63.01	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 126.02%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52692	5.38	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	59611	4.74	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	62281	4.126	ug/L	99
3) Chloromethane	1.53	50	60849	4.210	ug/L	98
5) Vinyl chloride	1.61	62	66697	4.552	ug/L	96
6) Bromomethane	1.87	94	31394	4.192	ug/L	100
8) Chloroethane	1.94	64	42067	4.777	ug/L	97
9) Trichlorofluoromethane	2.15	101	94373	4.496	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	61248	4.502	ug/L	97
12) 1,1-Dichloroethene	2.59	96	55591	4.723	ug/L	95
13) Acetone	2.67	43	170912	55.580	ug/L	96
14) Carbon disulfide	2.81	76	151611	4.017	ug/L	100
15) Methyl Acetate	2.97	43	37722	4.888	ug/L	99
16) Methylene chloride	3.06	84	70617	4.581	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	178073	5.019	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	57535	4.544	ug/L	97
19) 1,1-Dichloroethane	3.89	63	125547	4.817	ug/L	98
21) 2-Butanone	4.74	43	283245	56.419	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	67211	4.936	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 : VSTD00522

Quant Time: Sep 28 10:45:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 26 06:44:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.99	128	32317	5.417 ug/L		91
25) Chloroform	5.11	83	127137	4.763 ug/L		100
27) 1,2-Dichloroethane	5.81	62	89262	4.564 ug/L		97
29) 1,1,1-Trichloroethane	5.33	97	105245	4.551 ug/L		99
30) Cyclohexane	5.40	56	104780	4.673 ug/L		98
31) Carbon tetrachloride	5.54	117	90967	4.597 ug/L		96
33) Benzene	5.79	78	258558	4.907 ug/L		100
34) Trichloroethene	6.55	95	66899	4.734 ug/L		97
35) Methylcyclohexane	6.77	83	99836	4.613 ug/L		98
37) 1,2-Dichloropropane	6.80	63	72587	5.088 ug/L		100
38) Bromodichloromethane	7.11	83	93036	4.777 ug/L		99
39) cis-1,3-Dichloropropene	7.61	75	105736	5.025 ug/L		100
40) 4-Methyl-2-pentanone	7.80	43	648058	55.363 ug/L		99
42) Toluene	7.97	91	271185	4.998 ug/L		99
44) trans-1,3-Dichloropropene	8.21	75	96407	4.945 ug/L		96
45) 1,1,2-Trichloroethane	8.40	97	53539	5.151 ug/L		95
47) Tetrachloroethene	8.56	164	47546	5.121 ug/L		99
48) 2-Hexanone	8.69	43	483281	56.600 ug/L		99
49) Dibromochloromethane	8.81	129	61217	4.907 ug/L		97
50) 1,2-Dibromoethane	8.92	107	49063	4.896 ug/L	#	89
51) Chlorobenzene	9.45	112	175311	5.204 ug/L		98
52) Ethylbenzene	9.57	91	303289	4.919 ug/L		99
53) m,p-Xylene	9.69	106	114094	5.198 ug/L		95
54) o-Xylene	10.10	106	110805	5.297 ug/L		95
55) Styrene	10.11	104	193756	5.327 ug/L		98
56) Isopropylbenzene	10.48	105	303031	5.312 ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.78	83	71435	5.360 ug/L		98
59) 1,2,3-Trichloropropane	10.82	75	53996	5.109 ug/L		97
61) Bromoform	10.29	173	34473	4.831 ug/L		98
62) 1,3-Dichlorobenzene	11.74	146	145872	5.130 ug/L		98
63) 1,4-Dichlorobenzene	11.83	146	148584	5.164 ug/L		95
65) 1,2-Dichlorobenzene	12.20	146	139116	5.056 ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.99	75	12655	4.301 ug/L		96
67) 1,3,5-Trichlorobenzene	13.21	180	102074	5.105 ug/L		99
68) 1,2,4-trichlorobenzene	13.83	180	89976	5.225 ug/L		98
69) Naphthalene	14.08	128	168195	4.686 ug/L		100
70) 1,2,3-Trichlorobenzene	14.32	180	81514	5.153 ug/L		98

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

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