Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080620\
Data File : VU039747.D
Acq On : 06 Aug 2020 10:59
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Quant Time: Aug 07 03:20:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 04 01:08:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	74835	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	71784	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	37225	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	21498	5.32	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.40%			
7) Chloroethane-d5	1.92	69	20529	4.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.00%			
11) 1,1-Dichloroethene-d2	2.58	63	42729	5.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 105.00%			
20) 2-Butanone-d5	4.66	46	82975	46.69	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.38%			
24) Chloroform-d	5.08	84	51860	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.80%			
26) 1,2-Dichloroethane-d4	5.72	65	28296	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.20%			
32) Benzene-d6	5.74	84	90055	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.60%			
36) 1,2-Dichloropropane-d6	6.70	67	29762	5.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.80%			
41) Toluene-d8	7.90	98	75249	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
43) trans-1,3-Dichloropropene-	8.19	79	11414	5.09	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.80%			
46) 2-Hexanone-d5	8.64	63	57337	47.25	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.50%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26511	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	30667	4.81	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	30560	5.064	ug/L	99
3) Chloromethane	1.53	50	33741	5.317	ug/L	97
5) Vinyl chloride	1.61	62	34094	5.603	ug/L	99
6) Bromomethane	1.86	94	19435	5.048	ug/L	97
8) Chloroethane	1.94	64	20799	4.662	ug/L	99
9) Trichlorofluoromethane	2.15	101	51031	5.393	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	27797	5.414	ug/L	94
12) 1,1-Dichloroethene	2.59	96	25503	5.713	ug/L	89
13) Acetone	2.66	43	48377	46.170	ug/L	96
14) Carbon disulfide	2.80	76	77986	5.587	ug/L	97
15) Methyl Acetate	2.97	43	12577	4.867	ug/L	98
16) Methylene chloride	3.06	84	34328	4.770	ug/L	93
17) Methyl tert-butyl Ether	3.38	73	61361	5.177	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	26650	5.362	ug/L	96
19) 1,1-Dichloroethane	3.89	63	48677	5.305	ug/L	97
21) 2-Butanone	4.74	43	79426	48.101	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	28907	5.348	ug/L	97

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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 : VSTD00510

Quant Time: Aug 07 03:20:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 04 01:08:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	13280	5.231 ug/L	94
25) Chloroform	5.11	83	51649	5.237 ug/L	96
27) 1,2-Dichloroethane	5.81	62	33878	4.984 ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	43537	5.437 ug/L	99
30) Cyclohexane	5.40	56	41599	5.399 ug/L	99
31) Carbon tetrachloride	5.54	117	39377	5.360 ug/L	98
33) Benzene	5.79	78	107106	5.476 ug/L	100
34) Trichloroethene	6.56	95	27820	5.477 ug/L	97
35) Methylcyclohexane	6.77	83	42358	5.225 ug/L	94
37) 1,2-Dichloropropane	6.80	63	27640	5.321 ug/L #	96
38) Bromodichloromethane	7.11	83	36561	5.379 ug/L	97
39) cis-1,3-Dichloropropene	7.62	75	37949	5.356 ug/L	96
40) 4-Methyl-2-pentanone	7.80	43	187015	48.175 ug/L	99
42) Toluene	7.98	91	111434	5.422 ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	34918	5.471 ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	20175	5.163 ug/L	93
47) Tetrachloroethene	8.56	164	20520	4.897 ug/L	94
48) 2-Hexanone	8.69	43	137598	49.086 ug/L	99
49) Dibromochloromethane	8.82	129	24515	5.112 ug/L	93
50) 1,2-Dibromoethane	8.93	107	18986	4.955 ug/L	99
51) Chlorobenzene	9.45	112	71917	5.207 ug/L	98
52) Ethylbenzene	9.57	91	120750	5.249 ug/L	97
53) m,p-Xylene	9.69	106	47284	5.398 ug/L	93
54) o-Xylene	10.10	106	46210	5.387 ug/L	96
55) Styrene	10.11	104	77107	5.338 ug/L	99
56) Isopropylbenzene	10.48	105	119438	5.210 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	25541	4.751 ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	18796	5.016 ug/L	97
61) Bromoform	10.29	173	13583	5.400 ug/L	92
62) 1,3-Dichlorobenzene	11.74	146	58347	5.355 ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	56457	4.916 ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	55031	5.127 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	4136	5.097 ug/L	94
67) 1,3,5-Trichlorobenzene	13.21	180	41714	5.052 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	35010	5.060 ug/L	99
69) Naphthalene	14.08	128	60220	4.867 ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	33022	5.319 ug/L	96

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

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