Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082720\
Data File : VU039986.D
Acq On : 27 Aug 2020 11:14
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00513

Quant Time: Aug 28 01:04:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 27 12:31:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	82442	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	81440	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43206	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	26333	3.66	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.20%			
7) Chloroethane-d5	1.92	69	22122	3.71	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 74.20%			
11) 1,1-Dichloroethene-d2	2.58	63	62554	4.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.80%			
20) 2-Butanone-d5	4.65	46	99574	43.27	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.54%			
24) Chloroform-d	5.08	84	61967	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
26) 1,2-Dichloroethane-d4	5.72	65	36887	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
32) Benzene-d6	5.74	84	108154	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
36) 1,2-Dichloropropane-d6	6.70	67	34375	4.30	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.00%			
41) Toluene-d8	7.90	98	97801	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
43) trans-1,3-Dichloropropene-	8.18	79	15946	4.75	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.00%			
46) 2-Hexanone-d5	8.64	63	75175	44.14	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.28%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30505	4.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	39847	4.67	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	48509	5.661	ug/L	100
3) Chloromethane	1.53	50	43170	4.453	ug/L	97
5) Vinyl chloride	1.61	62	45366	4.946	ug/L	93
6) Bromomethane	1.87	94	23682	4.522	ug/L	98
8) Chloroethane	1.94	64	26521	4.522	ug/L	99
9) Trichlorofluoromethane	2.15	101	69105	5.037	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	41072	5.442	ug/L	93
12) 1,1-Dichloroethene	2.59	96	34890	4.839	ug/L	89
13) Acetone	2.66	43	86150	54.785	ug/L #	46
14) Carbon disulfide	2.81	76	108870	4.672	ug/L	100
15) Methyl Acetate	2.97	43	19987	4.951	ug/L	98
16) Methylene chloride	3.06	84	41417	4.177	ug/L	99
17) Methyl tert-butyl Ether	3.38	73	100037	5.502	ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	36638	4.893	ug/L	86
19) 1,1-Dichloroethane	3.89	63	74372	5.357	ug/L	99
21) 2-Butanone	4.73	43	133332	48.798	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	40915	5.219	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 : VSTD00513

Quant Time: Aug 28 01:04:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 27 12:31:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.99	128	19344	5.246 ug/L		94
25) Chloroform	5.11	83	79424	5.644 ug/L		95
27) 1,2-Dichloroethane	5.81	62	56109	5.682 ug/L		97
29) 1,1,1-Trichloroethane	5.33	97	70862	5.915 ug/L		99
30) Cyclohexane	5.40	56	63468	5.352 ug/L		98
31) Carbon tetrachloride	5.54	117	62922	5.949 ug/L		99
33) Benzene	5.79	78	154923	5.234 ug/L		100
34) Trichloroethene	6.55	95	40676	5.296 ug/L		96
35) Methylcyclohexane	6.77	83	63005	5.355 ug/L		98
37) 1,2-Dichloropropane	6.80	63	40801	5.188 ug/L		97
38) Bromodichloromethane	7.11	83	58229	5.826 ug/L		100
39) cis-1,3-Dichloropropene	7.61	75	60859	5.537 ug/L		96
40) 4-Methyl-2-pentanone	7.80	43	321753	51.657 ug/L		98
42) Toluene	7.97	91	165389	5.464 ug/L		96
44) trans-1,3-Dichloropropene	8.21	75	56754	5.495 ug/L		95
45) 1,1,2-Trichloroethane	8.40	97	30368	5.081 ug/L		95
47) Tetrachloroethene	8.56	164	32573	5.748 ug/L		96
48) 2-Hexanone	8.69	43	234306	52.493 ug/L		98
49) Dibromochloromethane	8.81	129	38829	5.442 ug/L		98
50) 1,2-Dibromoethane	8.93	107	30254	5.316 ug/L	#	95
51) Chlorobenzene	9.45	112	109297	5.530 ug/L		95
52) Ethylbenzene	9.57	91	186962	5.679 ug/L		100
53) m,p-Xylene	9.69	106	70328	5.565 ug/L		91
54) o-Xylene	10.10	106	66310	5.551 ug/L		92
55) Styrene	10.11	104	118784	5.736 ug/L		93
56) Isopropylbenzene	10.48	105	183447	5.729 ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.78	83	38476	4.986 ug/L		96
59) 1,2,3-Trichloropropane	10.82	75	28981	5.143 ug/L		97
61) Bromoform	10.29	173	23236	6.106 ug/L		98
62) 1,3-Dichlorobenzene	11.74	146	85556	5.348 ug/L		97
63) 1,4-Dichlorobenzene	11.83	146	85794	5.267 ug/L		96
65) 1,2-Dichlorobenzene	12.21	146	81754	5.296 ug/L		100
66) 1,2-Dibromo-3-chloropropan	12.99	75	7114	5.635 ug/L	#	84
67) 1,3,5-Trichlorobenzene	13.21	180	67476	5.680 ug/L		97
68) 1,2,4-trichlorobenzene	13.83	180	57074	5.632 ug/L		98
69) Naphthalene	14.08	128	96425	5.151 ug/L		99
70) 1,2,3-Trichlorobenzene	14.32	180	52638	5.558 ug/L		99

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

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