Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082120\
Data File : VU039943.D
Acq On : 21 Aug 2020 21:15
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00529

Quant Time: Aug 22 00:51:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 22 00:45:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	74760	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	77666	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40551	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	31462	4.82	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.40%			
7) Chloroethane-d5	1.92	69	29578	5.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.40%			
11) 1,1-Dichloroethene-d2	2.58	63	60501	4.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.80%			
20) 2-Butanone-d5	4.66	46	116464	55.81	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.62%			
24) Chloroform-d	5.08	84	65517	5.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.20%			
26) 1,2-Dichloroethane-d4	5.72	65	35895	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.80%			
32) Benzene-d6	5.75	84	113496	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
36) 1,2-Dichloropropane-d6	6.70	67	37688	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.80%			
41) Toluene-d8	7.91	98	100295	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
43) trans-1,3-Dichloropropene-	8.19	79	15384	4.81	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.20%			
46) 2-Hexanone-d5	8.64	63	87872	54.10	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.20%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	35420	5.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	43021	5.38	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	39026	5.022	ug/L	100
3) Chloromethane	1.53	50	39238	4.463	ug/L	93
5) Vinyl chloride	1.61	62	42933	5.162	ug/L	96
6) Bromomethane	1.86	94	14449	3.043	ug/L	94
8) Chloroethane	1.94	64	28308	5.322	ug/L	99
9) Trichlorofluoromethane	2.15	101	66776	5.367	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	33349	4.872	ug/L	97
12) 1,1-Dichloroethene	2.59	96	30389	4.647	ug/L	98
13) Acetone	2.67	43	70150	49.194	ug/L #	43
14) Carbon disulfide	2.81	76	108283	5.124	ug/L	98
15) Methyl Acetate	2.97	43	18809	5.138	ug/L	98
16) Methylene chloride	3.06	84	42670	4.746	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	86761	5.262	ug/L	96
18) trans-1,2-Dichloroethene	3.37	96	35729	5.262	ug/L	92
19) 1,1-Dichloroethane	3.89	63	70680	5.614	ug/L	96
21) 2-Butanone	4.74	43	121502	49.038	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	38445	5.408	ug/L	96

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.00	128	17023	5.091 ug/L	91
25) Chloroform	5.11	83	70243	5.505 ug/L	97
27) 1,2-Dichloroethane	5.81	62	45431	5.074 ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	58597	5.129 ug/L	99
30) Cyclohexane	5.41	56	61089	5.401 ug/L	96
31) Carbon tetrachloride	5.54	117	48786	4.837 ug/L	100
33) Benzene	5.79	78	151122	5.354 ug/L	100
34) Trichloroethene	6.56	95	35127	4.796 ug/L	96
35) Methylcyclohexane	6.77	83	53134	4.735 ug/L	98
37) 1,2-Dichloropropane	6.80	63	38812	5.174 ug/L #	97
38) Bromodichloromethane	7.12	83	49232	5.165 ug/L	96
39) cis-1,3-Dichloropropene	7.62	75	51997	4.960 ug/L	93
40) 4-Methyl-2-pentanone	7.80	43	271366	45.684 ug/L	99
42) Toluene	7.98	91	154555	5.354 ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	47709	4.843 ug/L	94
45) 1,1,2-Trichloroethane	8.41	97	29479	5.172 ug/L	98
47) Tetrachloroethene	8.56	164	26674	4.936 ug/L	97
48) 2-Hexanone	8.69	43	205312	48.232 ug/L	98
49) Dibromochloromethane	8.82	129	33121	4.868 ug/L	96
50) 1,2-Dibromoethane	8.93	107	27751	5.113 ug/L #	95
51) Chlorobenzene	9.45	112	98886	5.247 ug/L	100
52) Ethylbenzene	9.57	91	167429	5.333 ug/L	97
53) m,p-Xylene	9.70	106	63798	5.294 ug/L	98
54) o-Xylene	10.10	106	61471	5.396 ug/L	100
55) Styrene	10.11	104	105475	5.341 ug/L	99
56) Isopropylbenzene	10.48	105	162438	5.319 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	36575	4.970 ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	24864	4.627 ug/L	97
61) Bromoform	10.29	173	18050	5.054 ug/L	95
62) 1,3-Dichlorobenzene	11.74	146	76174	5.074 ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	79224	5.182 ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	73341	5.062 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	5702	4.812 ug/L	87
67) 1,3,5-Trichlorobenzene	13.21	180	55877	5.011 ug/L	94
68) 1,2,4-trichlorobenzene	13.83	180	47784	5.024 ug/L	99
69) Naphthalene	14.08	128	93693	5.332 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	43800	4.927 ug/L	98

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

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