Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070720\
Data File : VU039339.D
Acq On : 08 Jul 2020 00:56
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00530

Quant Time: Jul 08 01:49:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 08 01:44:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	102556	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	95161	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45383	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	33814	5.69	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 113.80%			
7) Chloroethane-d5	1.92	69	32985	5.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.40%			
11) 1,1-Dichloroethene-d2	2.58	63	61288	5.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 104.80%			
20) 2-Butanone-d5	4.66	46	162549	59.77	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.54%			
24) Chloroform-d	5.09	84	71044	5.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.20%			
26) 1,2-Dichloroethane-d4	5.72	65	46090	5.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 116.00%			
32) Benzene-d6	5.74	84	130825	5.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 114.20%			
36) 1,2-Dichloropropane-d6	6.71	67	45844	5.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 114.00%			
41) Toluene-d8	7.91	98	106125	5.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.80%			
43) trans-1,3-Dichloropropene-	8.19	79	19228	5.41	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 108.20%			
46) 2-Hexanone-d5	8.64	63	124790	59.19	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 118.38%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	44934	5.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	44058	5.44	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	30077	4.839	ug/L	100
3) Chloromethane	1.53	50	37531	4.984	ug/L	97
5) Vinyl chloride	1.61	62	42241	5.051	ug/L	99
6) Bromomethane	1.87	94	14605	4.055	ug/L	96
8) Chloroethane	1.94	64	29519	4.886	ug/L	93
9) Trichlorofluoromethane	2.15	101	66166	4.557	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	26497	4.447	ug/L	96
12) 1,1-Dichloroethene	2.59	96	29478	4.833	ug/L	97
13) Acetone	2.67	43	77032	52.474	ug/L	99
14) Carbon disulfide	2.81	76	99581	4.635	ug/L	99
15) Methyl Acetate	2.97	43	20536	5.296	ug/L #	90
16) Methylene chloride	3.06	84	39131	5.100	ug/L	95
17) Methyl tert-butyl Ether	3.38	73	101679	5.291	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	32400	4.798	ug/L	97
19) 1,1-Dichloroethane	3.89	63	68733	5.203	ug/L	98
21) 2-Butanone	4.74	43	143358	54.713	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	38543	5.091	ug/L	95

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070720\
Data File : VU039339.D
Acq On : 08 Jul 2020 00:56
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00530

Quant Time: Jul 08 01:49:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 08 01:44:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	17942	5.216	ug/L	96
25) Chloroform	5.11	83	72606	5.442	ug/L	95
27) 1,2-Dichloroethane	5.81	62	51303	5.316	ug/L	100
29) 1,1,1-Trichloroethane	5.34	97	55887	4.986	ug/L	98
30) Cyclohexane	5.41	56	50429	4.274	ug/L	98
31) Carbon tetrachloride	5.54	117	44079	4.610	ug/L	99
33) Benzene	5.79	78	146561	5.151	ug/L	100
34) Trichloroethene	6.56	95	36220	4.924	ug/L	97
35) Methylcyclohexane	6.78	83	49847	4.230	ug/L	98
37) 1,2-Dichloropropane	6.81	63	41081	5.297	ug/L	99
38) Bromodichloromethane	7.12	83	51157	5.165	ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	58322	4.975	ug/L	96
40) 4-Methyl-2-pentanone	7.80	43	348423	53.852	ug/L	99
42) Toluene	7.98	91	145930	4.790	ug/L	97
44) trans-1,3-Dichloropropene	8.22	75	52491	5.047	ug/L	97
45) 1,1,2-Trichloroethane	8.41	97	29926	5.372	ug/L	93
47) Tetrachloroethene	8.56	164	22368	4.372	ug/L	93
48) 2-Hexanone	8.69	43	254428	53.333	ug/L	100
49) Dibromochloromethane	8.82	129	35776	5.302	ug/L	91
50) 1,2-Dibromoethane	8.93	107	28902	5.107	ug/L	96
51) Chlorobenzene	9.45	112	89568	4.811	ug/L	99
52) Ethylbenzene	9.57	91	153889	4.571	ug/L	98
53) m,p-Xylene	9.70	106	54827	4.322	ug/L	91
54) o-Xylene	10.10	106	57465	4.653	ug/L	96
55) Styrene	10.11	104	97375	4.531	ug/L	97
56) Isopropylbenzene	10.48	105	143646	4.301	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	40523	5.226	ug/L	98
59) 1,2,3-Trichloropropane	10.83	75	29534	5.167	ug/L	97
61) Bromoform	10.29	173	19825	5.183	ug/L	96
62) 1,3-Dichlorobenzene	11.74	146	65234	4.587	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	67187	4.709	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	66301	4.651	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	6851	5.440	ug/L	90
67) 1,3,5-Trichlorobenzene	13.21	180	47460	4.460	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	44832	4.923	ug/L	91
69) Naphthalene	14.08	128	86458	4.718	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	40689	4.822	ug/L	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070720\
Data File : VU039339.D
Acq On : 08 Jul 2020 00:56
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

Quant Time: Jul 08 01:49:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 08 01:44:57 2020
Response via : Initial Calibration