Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082720\
Data File : VU039995.D
Acq On : 27 Aug 2020 16:44
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00514

Quant Time: Aug 28 01:14:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 28 01:12:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	74480	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	74362	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	39293	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	25468	3.92	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.40%			
7) Chloroethane-d5	1.92	69	21389	3.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.40%			
11) 1,1-Dichloroethene-d2	2.58	63	58454	4.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.80%			
20) 2-Butanone-d5	4.65	46	86324	41.52	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.04%			
24) Chloroform-d	5.09	84	57957	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
26) 1,2-Dichloroethane-d4	5.72	65	34345	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
32) Benzene-d6	5.74	84	103387	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
36) 1,2-Dichloropropane-d6	6.70	67	33250	4.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.00%			
41) Toluene-d8	7.91	98	91170	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
43) trans-1,3-Dichloropropene-	8.19	79	14046	4.58	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.60%			
46) 2-Hexanone-d5	8.64	63	64837	41.69	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.38%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26975	4.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	37213	4.80	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	38949	5.031	ug/L	98
3) Chloromethane	1.53	50	37234	4.251	ug/L	98
5) Vinyl chloride	1.61	62	38602	4.659	ug/L	95
6) Bromomethane	1.87	94	18637	3.939	ug/L	99
8) Chloroethane	1.94	64	23543	4.443	ug/L	99
9) Trichlorofluoromethane	2.15	101	56917	4.592	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	34187	5.014	ug/L	93
12) 1,1-Dichloroethene	2.59	96	30302	4.652	ug/L	90
13) Acetone	2.66	43	65647	46.209	ug/L #	48
14) Carbon disulfide	2.81	76	91661	4.354	ug/L	98
15) Methyl Acetate	2.97	43	15726	4.312	ug/L	96
16) Methylene chloride	3.06	84	37216	4.155	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	80864	4.923	ug/L	95
18) trans-1,2-Dichloroethene	3.37	96	31164	4.607	ug/L	87
19) 1,1-Dichloroethane	3.89	63	63882	5.093	ug/L	96
21) 2-Butanone	4.73	43	102650	41.585	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	34256	4.837	ug/L	93

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082720\
Data File : VU039995.D
Acq On : 27 Aug 2020 16:44
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00514

Quant Time: Aug 28 01:14:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 28 01:12:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.00	128	15820	4.749 ug/L	89
25) Chloroform	5.11	83	68867	5.417 ug/L	99
27) 1,2-Dichloroethane	5.81	62	48432	5.429 ug/L #	93
29) 1,1,1-Trichloroethane	5.34	97	60094	5.494 ug/L	98
30) Cyclohexane	5.41	56	52145	4.815 ug/L	98
31) Carbon tetrachloride	5.54	117	53077	5.496 ug/L	100
33) Benzene	5.79	78	131336	4.860 ug/L	100
34) Trichloroethene	6.56	95	34963	4.985 ug/L	96
35) Methylcyclohexane	6.77	83	50100	4.663 ug/L	95
37) 1,2-Dichloropropane	6.80	63	35420	4.932 ug/L	97
38) Bromodichloromethane	7.12	83	49655	5.441 ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	50493	5.031 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	251342	44.193 ug/L	98
42) Toluene	7.98	91	139800	5.058 ug/L	97
44) trans-1,3-Dichloropropene	8.21	75	45858	4.862 ug/L	94
45) 1,1,2-Trichloroethane	8.41	97	25181	4.615 ug/L	98
47) Tetrachloroethene	8.56	164	27178	5.253 ug/L	96
48) 2-Hexanone	8.69	43	178099	43.698 ug/L	98
49) Dibromochloromethane	8.82	129	32399	4.973 ug/L	95
50) 1,2-Dibromoethane	8.93	107	24187	4.654 ug/L #	98
51) Chlorobenzene	9.45	112	90403	5.010 ug/L	96
52) Ethylbenzene	9.57	91	153548	5.108 ug/L	100
53) m,p-Xylene	9.69	106	58111	5.036 ug/L	99
54) o-Xylene	10.10	106	55721	5.108 ug/L	91
55) Styrene	10.11	104	96814	5.120 ug/L	96
56) Isopropylbenzene	10.48	105	147956	5.061 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	29843	4.236 ug/L	94
59) 1,2,3-Trichloropropane	10.82	75	22849	4.441 ug/L	98
61) Bromoform	10.29	173	17837	5.154 ug/L	95
62) 1,3-Dichlorobenzene	11.74	146	71219	4.895 ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	71701	4.840 ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	67308	4.794 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	6000	5.226 ug/L	86
67) 1,3,5-Trichlorobenzene	13.21	180	55201	5.109 ug/L	96
68) 1,2,4-trichlorobenzene	13.83	180	48208	5.230 ug/L	97
69) Naphthalene	14.08	128	77608	4.558 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	44816	5.203 ug/L	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082720\
Data File : VU039995.D
Acq On : 27 Aug 2020 16:44
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00514

Quant Time: Aug 28 01:14:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 28 01:12:06 2020
Response via : Initial Calibration