Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111020\
Data File : VU041199.D
Acq On : 11 Nov 2020 13:42
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Quant Time: Nov 11 14:11:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 11 13:19:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	60154	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	62471	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	28144	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	21517	4.26	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.20%			
7) Chloroethane-d5	1.92	69	20039	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.20%			
11) 1,1-Dichloroethene-d2	2.58	63	48724	4.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.40%			
20) 2-Butanone-d5	4.65	46	84739	50.92	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.84%			
24) Chloroform-d	5.08	84	46430	5.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.00%			
26) 1,2-Dichloroethane-d4	5.72	65	28810	5.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.00%			
32) Benzene-d6	5.74	84	81266	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%			
36) 1,2-Dichloropropane-d6	6.70	67	31762	5.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 116.80%			
41) Toluene-d8	7.90	98	87305	5.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 115.40%			
43) trans-1,3-Dichloropropene-	8.18	79	13194	5.59	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 111.80%			
46) 2-Hexanone-d5	8.64	63	67027	52.80	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.60%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21461	4.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	27490	5.57	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	24244	4.415	ug/L	97
3) Chloromethane	1.53	50	23104	4.035	ug/L	97
5) Vinyl chloride	1.61	62	24857	4.400	ug/L	100
6) Bromomethane	1.87	94	15038	4.644	ug/L	89
8) Chloroethane	1.94	64	16201	4.526	ug/L	99
9) Trichlorofluoromethane	2.15	101	39438	5.136	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	24811	5.513	ug/L	99
12) 1,1-Dichloroethene	2.59	96	20514	4.828	ug/L	95
13) Acetone	2.66	43	58421	51.347	ug/L #	56
14) Carbon disulfide	2.81	76	59916	4.220	ug/L	99
15) Methyl Acetate	2.97	43	13252	5.090	ug/L	98
16) Methylene chloride	3.06	84	25107	5.071	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	55851	5.107	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	21550	4.990	ug/L	95
19) 1,1-Dichloroethane	3.89	63	41061	4.756	ug/L	98
21) 2-Butanone	4.73	43	87650	49.290	ug/L	100
22) cis-1,2-Dichloroethene	4.69	96	22285	5.003	ug/L	95

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111020\
Data File : VU041199.D
Acq On : 11 Nov 2020 13:42
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Quant Time: Nov 11 14:11:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 11 13:19:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	11140	5.301 ug/L	93
25) Chloroform	5.10	83	44828	5.178 ug/L	97
27) 1,2-Dichloroethane	5.81	62	32554	5.049 ug/L	95
29) 1,1,1-Trichloroethane	5.33	97	35506	4.647 ug/L	97
30) Cyclohexane	5.40	56	27348	3.633 ug/L	95
31) Carbon tetrachloride	5.54	117	32839	4.854 ug/L	99
33) Benzene	5.79	78	85032	4.555 ug/L	100
34) Trichloroethene	6.55	95	25952	5.463 ug/L	97
35) Methylcyclohexane	6.77	83	34366	4.850 ug/L	98
37) 1,2-Dichloropropane	6.80	63	28363	5.616 ug/L	98
38) Bromodichloromethane	7.11	83	35469	5.414 ug/L	100
39) cis-1,3-Dichloropropene	7.61	75	34986	5.031 ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	212321	52.722 ug/L	99
42) Toluene	7.97	91	104157	5.503 ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	35636	5.476 ug/L	95
45) 1,1,2-Trichloroethane	8.40	97	20313	5.403 ug/L	98
47) Tetrachloroethene	8.56	164	18466	5.287 ug/L	96
48) 2-Hexanone	8.69	43	166544	54.923 ug/L	98
49) Dibromochloromethane	8.81	129	24586	5.631 ug/L	98
50) 1,2-Dibromoethane	8.93	107	18698	5.219 ug/L	97
51) Chlorobenzene	9.45	112	62838	5.235 ug/L	98
52) Ethylbenzene	9.57	91	102545	5.147 ug/L	100
53) m,p-Xylene	9.69	106	36038	4.960 ug/L	99
54) o-Xylene	10.10	106	32204	4.759 ug/L	99
55) Styrene	10.11	104	56237	4.664 ug/L	95
56) Isopropylbenzene	10.48	105	88921	4.887 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	21136	4.280 ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	17082	4.538 ug/L	98
61) Bromoform	10.29	173	12027	5.545 ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	44923	5.530 ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	45253	5.378 ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	43169	5.385 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	4083	5.196 ug/L	92
67) 1,3,5-Trichlorobenzene	13.21	180	31370	5.521 ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	26950	5.726 ug/L	98
69) Naphthalene	14.08	128	41927	4.982 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	25039	5.772 ug/L	97

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
Data File : VU041199.D
Acq On : 11 Nov 2020 13:42
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Quant Time: Nov 11 14:11:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 11 13:19:05 2020
Response via : Initial Calibration