Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101119\
Data File : VR026665.D
Acq On : 11 Oct 2019 14:31
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00569

Quant Time: Oct 14 06:36:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 14 06:32:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	229254	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	186602	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	93370	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.18	65	64272	4.63	ug/L	-0.01
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.60%			
7) Chloroethane-d5	2.65	69	47939	4.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.60%			
11) 1,1-Dichloroethene-d2	3.65	63	153374	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.20%			
20) 2-Butanone-d5	6.62	46	82981	42.47	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.94%			
24) Chloroform-d	7.22	84	174027	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.00%			
26) 1,2-Dichloroethane-d4	7.91	65	56974	4.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.00%			
32) Benzene-d6	7.87	84	357402	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.40%			
36) 1,2-Dichloropropane-d6	8.92	67	90387	4.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.40%			
41) Toluene-d8	9.98	98	301506	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.20%			
43) trans-1,3-Dichloropropene-	10.25	79	20412	3.77	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.40%			
46) 2-Hexanone-d5	10.60	63	61034	43.19	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.38%			
57) 1,1,2,2-Tetrachloroethane-	12.38	84	40628	4.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.00%			
64) 1,2-Dichlorobenzene-d4	13.53	152	71260	4.03	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 80.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	217975	5.929	ug/L	100
3) Chloromethane	2.07	50	108364	5.585	ug/L	98
5) Vinyl chloride	2.20	62	105722	5.602	ug/L	97
6) Bromomethane	2.54	94	64906	5.429	ug/L	89
8) Chloroethane	2.67	64	56499	5.291	ug/L	97
9) Trichlorofluoromethane	2.99	101	185061	5.555	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	3.70	101	82661	5.526	ug/L #	73
12) 1,1-Dichloroethene	3.66	96	74382	5.369	ug/L	97
13) Acetone	3.72	43	61293	48.030	ug/L	76
14) Carbon disulfide	3.97	76	517089	5.616	ug/L	100
15) Methyl Acetate	4.23	43	25803	4.793	ug/L	95
16) Methylene chloride	4.43	84	134593	5.078	ug/L	97
17) Methyl tert-butyl Ether	4.93	73	130484	5.503	ug/L	99
18) trans-1,2-Dichloroethene	4.92	96	138669	5.197	ug/L	97
19) 1,1-Dichloroethane	5.72	63	245711	5.198	ug/L	94
21) 2-Butanone	6.72	43	119070	53.048	ug/L	96
22) cis-1,2-Dichloroethene	6.70	96	128534	5.448	ug/L #	91

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101119\
Data File : VR026665.D
Acq On : 11 Oct 2019 14:31
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00569

Quant Time: Oct 14 06:36:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 14 06:32:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.08	128	33335	4.948	ug/L		94
25) Chloroform	7.26	83	222274	4.918	ug/L		98
27) 1,2-Dichloroethane	8.02	62	87238	5.021	ug/L		98
29) 1,1,1-Trichloroethane	7.45	97	176489	5.174	ug/L		98
30) Cyclohexane	7.54	56	286121	6.190	ug/L		98
31) Carbon tetrachloride	7.66	117	165581	5.219	ug/L		99
33) Benzene	7.93	78	544932	5.384	ug/L		100
34) Trichloroethene	8.73	95	130660	5.097	ug/L		98
35) Methylcyclohexane	8.97	83	264282	5.910	ug/L		99
37) 1,2-Dichloropropane	9.02	63	107771	5.271	ug/L	#	97
38) Bromodichloromethane	9.30	83	107867	5.045	ug/L		96
39) cis-1,3-Dichloropropene	9.73	75	113045	5.193	ug/L		97
40) 4-Methyl-2-pentanone	9.88	43	270287	54.190	ug/L		99
42) Toluene	10.05	91	505884	5.417	ug/L		98
44) trans-1,3-Dichloropropene	10.28	75	74937	5.190	ug/L		94
45) 1,1,2-Trichloroethane	10.46	97	42777	4.809	ug/L		96
47) Tetrachloroethene	10.53	164	82085	5.160	ug/L		94
48) 2-Hexanone	10.65	43	167581	51.019	ug/L		97
49) Dibromochloromethane	10.80	129	45791	4.907	ug/L		93
50) 1,2-Dibromoethane	10.90	107	36410	5.039	ug/L		92
51) Chlorobenzene	11.33	112	262925	5.186	ug/L		99
52) Ethylbenzene	11.41	91	573883	5.552	ug/L		98
53) m,p-Xylene	11.52	106	206578	5.601	ug/L		96
54) o-Xylene	11.84	106	195413	5.752	ug/L		97
55) Styrene	11.86	104	285895	5.852	ug/L		92
56) Isopropylbenzene	12.14	105	585774	5.829	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.40	83	48277	4.907	ug/L	#	98
59) 1,2,3-Trichloropropane	12.45	75	36311	5.077	ug/L		94
61) Bromoform	12.03	173	18877	4.770	ug/L		92
62) 1,3-Dichlorobenzene	13.18	146	184194	5.256	ug/L		99
63) 1,4-Dichlorobenzene	13.26	146	181532	5.127	ug/L		96
65) 1,2-Dichlorobenzene	13.55	146	153698	5.147	ug/L		97
66) 1,2-Dibromo-3-chloropropan	14.16	75	7334	4.796	ug/L	#	91
67) 1,3,5-Trichlorobenzene	14.31	180	145682	5.397	ug/L		94
68) 1,2,4-trichlorobenzene	14.80	180	105416	5.372	ug/L		98
69) Naphthalene	15.02	128	133908	5.656	ug/L		99
70) 1,2,3-Trichlorobenzene	15.20	180	94348	5.463	ug/L		99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101119\
Data File : VR026665.D
Acq On : 11 Oct 2019 14:31
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00569

Quant Time: Oct 14 06:36:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 14 06:32:03 2019
Response via : Initial Calibration