Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR091719\
Data File : VR026640.D
Acq On : 17 Sep 2019 9:35
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00571

Manual Integrations APPROVED
MMDadoda
9/20/2019 12:41:50 AM

Quant Time: Sep 18 06:58:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 02:01:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	355386	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	287144	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	135162	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.19	65	38375	3.93	ug/L	0.01
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.60%			
7) Chloroethane-d5	2.65	69	37853	4.39	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.80%			
11) 1,1-Dichloroethene-d2	3.64	63	123352	4.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.40%			
20) 2-Butanone-d5	6.62	46	99175	46.83	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.66%			
24) Chloroform-d	7.22	84	179744	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
26) 1,2-Dichloroethane-d4	7.91	65	59641	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.00%			
32) Benzene-d6	7.88	84	325386	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
36) 1,2-Dichloropropane-d6	8.92	67	86527	4.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.20%			
41) Toluene-d8	9.99	98	258351	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
43) trans-1,3-Dichloropropene-	10.25	79	19508	4.51	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.20%			
46) 2-Hexanone-d5	10.61	63	70381	54.09	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.18%			
57) 1,1,2,2-Tetrachloroethane-	12.38	84	48734	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.60%			
64) 1,2-Dichlorobenzene-d4	13.53	152	77102	4.49	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	192121	4.782	ug/L	100
3) Chloromethane	2.07	50	82462	3.932	ug/L	91
5) Vinyl chloride	2.20	62	84508	4.021	ug/L	99
6) Bromomethane	2.54	94	57315	4.340	ug/L	94
8) Chloroethane	2.68	64	49848	4.112	ug/L	97
9) Trichlorofluoromethane	2.97	101	178154	4.900	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	78705	4.939	ug/L	99
12) 1,1-Dichloroethene	3.67	96	68314	4.357	ug/L	86
13) Acetone	3.73	43	74022	46.477	ug/L	99
14) Carbon disulfide	3.97	76	390623	5.820	ug/L	100
15) Methyl Acetate	4.22	43	26968	4.032	ug/L #	89
16) Methylene chloride	4.43	84	135726m	4.161	ug/L	
17) Methyl tert-butyl Ether	4.93	73	146460	4.322	ug/L	99
18) trans-1,2-Dichloroethene	4.91	96	141835	4.330	ug/L	90
19) 1,1-Dichloroethane	5.72	63	256946	4.183	ug/L	99
21) 2-Butanone	6.72	43	136356	46.868	ug/L	99
22) cis-1,2-Dichloroethene	6.70	96	137824	4.390	ug/L #	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR091719\
Data File : VR026640.D
Acq On : 17 Sep 2019 9:35
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00571

Manual Integrations APPROVED
MMDadoda
9/20/2019 12:41:50 AM

Quant Time: Sep 18 06:58:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 02:01:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.07	128	38506	4.410	ug/L		87
25) Chloroform	7.26	83	246902	4.193	ug/L		98
27) 1,2-Dichloroethane	8.01	62	95699	4.621	ug/L		95
29) 1,1,1-Trichloroethane	7.45	97	193886	4.197	ug/L		98
30) Cyclohexane	7.54	56	226048	4.590	ug/L		100
31) Carbon tetrachloride	7.66	117	175497	4.486	ug/L		99
33) Benzene	7.93	78	561994	4.414	ug/L		100
34) Trichloroethene	8.73	95	138762	4.375	ug/L		97
35) Methylcyclohexane	8.97	83	227474	4.763	ug/L		99
37) 1,2-Dichloropropane	9.02	63	111563	4.339	ug/L		100
38) Bromodichloromethane	9.30	83	120366	4.397	ug/L	#	99
39) cis-1,3-Dichloropropene	9.74	75	121575	4.461	ug/L		96
40) 4-Methyl-2-pentanone	9.88	43	306981	47.668	ug/L		99
42) Toluene	10.05	91	539200	4.849	ug/L		100
44) trans-1,3-Dichloropropene	10.28	75	81064	4.627	ug/L		93
45) 1,1,2-Trichloroethane	10.46	97	51723	4.721	ug/L		89
47) Tetrachloroethene	10.53	164	85295	4.555	ug/L		95
48) 2-Hexanone	10.65	43	194789	47.588	ug/L		99
49) Dibromochloromethane	10.80	129	56352	4.717	ug/L		85
50) 1,2-Dibromoethane	10.90	107	41039	4.318	ug/L		97
51) Chlorobenzene	11.33	112	298814	4.624	ug/L		99
52) Ethylbenzene	11.41	91	606894	4.811	ug/L		99
53) m,p-Xylene	11.52	106	222442	4.931	ug/L		99
54) o-Xylene	11.84	106	213740	4.801	ug/L		96
55) Styrene	11.86	104	321200	5.032	ug/L		98
56) Isopropylbenzene	12.15	105	636860	5.063	ug/L		100
58) 1,1,2,2-Tetrachloroethane	12.40	83	59267	4.669	ug/L		96
59) 1,2,3-Trichloropropane	12.45	75	41436	4.450	ug/L		96
61) Bromoform	12.02	173	22925	4.340	ug/L		98
62) 1,3-Dichlorobenzene	13.18	146	219237	4.562	ug/L		98
63) 1,4-Dichlorobenzene	13.26	146	212733	4.454	ug/L		98
65) 1,2-Dichlorobenzene	13.55	146	184303	4.526	ug/L		98
66) 1,2-Dibromo-3-chloropropan	14.16	75	9087	4.474	ug/L	#	87
67) 1,3,5-Trichlorobenzene	14.31	180	187248	4.810	ug/L		99
68) 1,2,4-trichlorobenzene	14.80	180	130285	4.744	ug/L		98
69) Naphthalene	15.02	128	166681	4.564	ug/L		99
70) 1,2,3-Trichlorobenzene	15.20	180	125017	5.139	ug/L		95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR091719\
Data File : VR026640.D
Acq On : 17 Sep 2019 9:35
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 18 06:58:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 02:01:15 2019
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
VSTD00571

Manual Integrations APPROVED
MMDadoda
9/20/2019 12:41:50 AM