Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101918\
Data File : VR026148.D
Acq On : 19 Oct 2018 14:04
Operator : SY/MD
Sample : MDL
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL

Manual Integrations APPROVED
MMDadoda
10/24/2018 12:17:23 PM

Quant Time: Oct 20 04:42:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 20 01:53:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	559373	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	470670	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	150045	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	182667	3.73	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.60%			
7) Chloroethane-d5	2.63	69	185625	4.41	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.20%			
11) 1,1-Dichloroethene-d2	3.61	63	348964	2.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.00%#			
20) 2-Butanone-d5	6.59	46	223691	55.66	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.32%			
24) Chloroform-d	7.20	84	340699	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.60%			
26) 1,2-Dichloroethane-d4	7.90	65	149720	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.60%			
32) Benzene-d6	7.85	84	641425	4.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.80%			
36) 1,2-Dichloropropane-d6	8.90	67	188159	4.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.40%			
41) Toluene-d8	9.97	98	577703	4.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.80%			
43) trans-1,3-Dichloropropene-	10.24	79	38574	3.77	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.40%			
46) 2-Hexanone-d5	10.59	63	168087	56.83	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.66%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	73200	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.60%			
64) 1,2-Dichlorobenzene-d4	13.51	152	114046	4.81	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	9429m	0.251	ug/L	
3) Chloromethane	2.01	50	18117	0.304	ug/L	87
5) Vinyl chloride	2.16	62	17923	0.302	ug/L	92
6) Bromomethane	2.53	94	11007m	0.280	ug/L	
8) Chloroethane	2.66	64	12991	0.353	ug/L	94
9) Trichlorofluoromethane	2.94	101	22155m	0.258	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	16607m	0.325	ug/L	
12) 1,1-Dichloroethene	3.64	96	19621	0.361	ug/L #	1
13) Acetone	3.70	43	14673	3.532	ug/L	91
14) Carbon disulfide	3.93	76	32563	0.229	ug/L #	94
15) Methyl Acetate	4.19	43	5023	0.463	ug/L #	82
16) Methylene chloride	4.42	84	17889m	0.363	ug/L	
17) Methyl tert-butyl Ether	4.88	73	12917	0.262	ug/L #	84
18) trans-1,2-Dichloroethene	4.88	96	10092	0.245	ug/L	92
19) 1,1-Dichloroethane	5.69	63	23652	0.306	ug/L	97
21) 2-Butanone	6.69	43	12499	2.608	ug/L	95
22) cis-1,2-Dichloroethene	6.68	96	11123	0.286	ug/L #	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101918\
Data File : VR026148.D
Acq On : 19 Oct 2018 14:04
Operator : SY/MD
Sample : MDL
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL

Manual Integrations APPROVED
MMDadoda
10/24/2018 12:17:23 PM

Quant Time: Oct 20 04:42:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 20 01:53:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.04	128	2946	0.270 ug/L #	67
25) Chloroform	7.23	83	23558	0.313 ug/L	94
27) 1,2-Dichloroethane	7.99	62	10990m	0.298 ug/L	
29) 1,1,1-Trichloroethane	7.43	97	17803	0.277 ug/L	99
30) Cyclohexane	7.51	56	12057	0.187 ug/L	95
31) Carbon tetrachloride	7.63	117	14370	0.246 ug/L	83
33) Benzene	7.91	78	51473	0.291 ug/L	100
34) Trichloroethene	8.71	95	12856	0.284 ug/L	87
35) Methylcyclohexane	8.96	83	12643	0.188 ug/L #	71
37) 1,2-Dichloropropane	9.00	63	11489	0.308 ug/L	98
38) Bromodichloromethane	9.28	83	10905	0.272 ug/L #	94
39) cis-1,3-Dichloropropene	9.72	75	10694	0.251 ug/L	85
40) 4-Methyl-2-pentanone	9.87	43	27326	2.401 ug/L #	87
42) Toluene	10.04	91	48815	0.262 ug/L	97
44) trans-1,3-Dichloropropene	10.26	75	9425	0.316 ug/L	100
45) 1,1,2-Trichloroethane	10.45	97	5606	0.357 ug/L	91
47) Tetrachloroethene	10.51	164	9173	0.284 ug/L	90
48) 2-Hexanone	10.63	43	21490	2.892 ug/L #	97
49) Dibromochloromethane	10.79	129	4370	0.247 ug/L	86
50) 1,2-Dibromoethane	10.89	107	3436	0.253 ug/L #	85
51) Chlorobenzene	11.31	112	29139	0.282 ug/L	98
52) Ethylbenzene	11.39	91	48429	0.226 ug/L	96
53) m,p-Xylene	11.51	106	16273	0.208 ug/L	93
54) o-Xylene	11.83	106	13802	0.193 ug/L	86
55) Styrene	11.84	104	20466	0.186 ug/L	86
56) Isopropylbenzene	12.13	105	34700	0.174 ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.38	83	5583	0.350 ug/L #	83
59) 1,2,3-Trichloropropane	12.43	75	3512	0.299 ug/L #	61
61) Bromoform	12.01	173	1461	0.280 ug/L #	69
62) 1,3-Dichlorobenzene	13.16	146	12532	0.251 ug/L	88
63) 1,4-Dichlorobenzene	13.24	146	14893	0.288 ug/L	91
65) 1,2-Dichlorobenzene	13.52	146	13012	0.325 ug/L	89
66) 1,2-Dibromo-3-chloropropan	14.14	75	488m	0.299 ug/L	
67) 1,3,5-Trichlorobenzene	14.29	180	7492	0.247 ug/L #	90
68) 1,2,4-trichlorobenzene	14.79	180	4160	0.235 ug/L	87
69) Naphthalene	15.00	128	3413	0.198 ug/L #	85
70) 1,2,3-Trichlorobenzene	15.18	180	3739	0.304 ug/L #	88

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101918\
Data File : VR026148.D
Acq On : 19 Oct 2018 14:04
Operator : SY/MD
Sample : MDL
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 20 04:42:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 20 01:53:32 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
MDL

Manual Integrations APPROVED
MMDadoda
10/24/2018 12:17:23 PM