Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101918\
Data File : VR026149.D
Acq On : 19 Oct 2018 14:37
Operator : SY/MD
Sample : MDL
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL

Manual Integrations APPROVED
MMDadoda
10/24/2018 12:17:18 PM

Quant Time: Oct 20 04:43:16 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	545240	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	463116	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	146960	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	177743	3.72	ug/L	-0.01
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.40%			
7) Chloroethane-d5	2.63	69	186408	4.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.80%			
11) 1,1-Dichloroethene-d2	3.60	63	361011	3.08	ug/L	-0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.60%			
20) 2-Butanone-d5	6.59	46	225036	57.44	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.88%			
24) Chloroform-d	7.20	84	344942	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
26) 1,2-Dichloroethane-d4	7.89	65	147929	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.80%			
32) Benzene-d6	7.85	84	660087	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.80%			
36) 1,2-Dichloropropane-d6	8.90	67	190208	4.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.00%			
41) Toluene-d8	9.97	98	582926	4.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.00%			
43) trans-1,3-Dichloropropene-	10.24	79	37815	3.75	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.00%			
46) 2-Hexanone-d5	10.59	63	166847	57.33	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.66%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	76966	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.00%			
64) 1,2-Dichlorobenzene-d4	13.52	152	114021	4.91	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.84	85	8783m	0.240	ug/L	
3) Chloromethane	2.01	50	17517	0.301	ug/L	88
5) Vinyl chloride	2.15	62	17202	0.297	ug/L #	79
6) Bromomethane	2.53	94	10942	0.286	ug/L	82
8) Chloroethane	2.65	64	10126	0.282	ug/L	86
9) Trichlorofluoromethane	2.93	101	24160m	0.289	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	18172	0.364	ug/L	88
12) 1,1-Dichloroethene	3.62	96	18984m	0.358	ug/L	
13) Acetone	3.69	43	12975	3.204	ug/L	68
14) Carbon disulfide	3.94	76	33350	0.241	ug/L #	94
15) Methyl Acetate	4.19	43	3469	0.328	ug/L #	81
16) Methylene chloride	4.40	84	18400	0.383	ug/L	91
17) Methyl tert-butyl Ether	4.89	73	12853m	0.267	ug/L	
18) trans-1,2-Dichloroethene	4.88	96	10815	0.270	ug/L	84
19) 1,1-Dichloroethane	5.69	63	20540	0.273	ug/L	90
21) 2-Butanone	6.68	43	12943m	2.770	ug/L	
22) cis-1,2-Dichloroethene	6.67	96	10131	0.267	ug/L #	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.03	128	3691	0.347 ug/L #	68
25) Chloroform	7.22	83	21362	0.291 ug/L	91
27) 1,2-Dichloroethane	7.99	62	11037	0.307 ug/L #	80
29) 1,1,1-Trichloroethane	7.42	97	16513	0.261 ug/L	91
30) Cyclohexane	7.53	56	13073	0.206 ug/L	96
31) Carbon tetrachloride	7.64	117	14830	0.258 ug/L	99
33) Benzene	7.90	78	52665m	0.303 ug/L	
34) Trichloroethene	8.71	95	12440	0.280 ug/L	87
35) Methylcyclohexane	8.95	83	13128	0.198 ug/L #	76
37) 1,2-Dichloropropane	8.99	63	10751	0.293 ug/L #	94
38) Bromodichloromethane	9.28	83	10154	0.258 ug/L	80
39) cis-1,3-Dichloropropene	9.72	75	10869	0.259 ug/L	88
40) 4-Methyl-2-pentanone	9.87	43	24886	2.223 ug/L #	91
42) Toluene	10.03	91	48048	0.262 ug/L	92
44) trans-1,3-Dichloropropene	10.26	75	9429	0.322 ug/L	86
45) 1,1,2-Trichloroethane	10.43	97	3664	0.237 ug/L	83
47) Tetrachloroethene	10.51	164	7584	0.239 ug/L	89
48) 2-Hexanone	10.64	43	22573	3.087 ug/L #	83
49) Dibromochloromethane	10.78	129	4006	0.230 ug/L	96
50) 1,2-Dibromoethane	10.88	107	3500	0.262 ug/L #	85
51) Chlorobenzene	11.31	112	27660	0.272 ug/L	96
52) Ethylbenzene	11.39	91	49128	0.233 ug/L	94
53) m,p-Xylene	11.50	106	16262	0.212 ug/L	89
54) o-Xylene	11.83	106	13697	0.194 ug/L	78
55) Styrene	11.84	104	19289	0.178 ug/L	91
56) Isopropylbenzene	12.13	105	37069	0.189 ug/L	96
58) 1,1,2,2-Tetrachloroethane	12.39	83	4586	0.292 ug/L #	80
59) 1,2,3-Trichloropropane	12.43	75	3064m	0.266 ug/L	
61) Bromoform	12.00	173	1161	0.227 ug/L #	91
62) 1,3-Dichlorobenzene	13.16	146	11745	0.241 ug/L	93
63) 1,4-Dichlorobenzene	13.24	146	14788	0.292 ug/L	91
65) 1,2-Dichlorobenzene	13.53	146	12262	0.313 ug/L	87
66) 1,2-Dibromo-3-chloropropan	14.14	75	364m	0.228 ug/L	
67) 1,3,5-Trichlorobenzene	14.29	180	7672	0.258 ug/L	95
68) 1,2,4-trichlorobenzene	14.79	180	4149	0.239 ug/L	90
69) Naphthalene	15.00	128	4137	0.245 ug/L #	89
70) 1,2,3-Trichlorobenzene	15.18	180	3192	0.265 ug/L #	91

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

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