Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111721\
Data File : BN017498.D
Acq On : 17 Nov 2021 18:09
Operator : CG/JU
Sample : M4068-07
Misc : LOD-MDL-WATER 0.2ng
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Quant Time: Nov 18 01:25:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 16 14:06:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	26330	0.400	ng	0.00
7) Naphthalene-d8	10.661	136	111078	0.400	ng	# 0.00
13) Acenaphthene-d10	14.486	164	54123	0.400	ng	-0.01
19) Phenanthrene-d10	17.238	188	96631	0.400	ng	0.00
29) Chrysene-d12	21.420	240	71167	0.400	ng	# 0.00
35) Perylene-d12	23.790	264	50784	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	23839	0.380	ng	0.00
5) Phenol-d6	7.035	99	25651	0.380	ng	0.00
8) Nitrobenzene-d5	9.014	82	25347	0.368	ng	0.00
11) 2-Methylnaphthalene-d10	12.248	152	64752	0.355	ng	0.00
14) 2,4,6-Tribromophenol	15.983	330	4580	0.333	ng	0.00
15) 2-Fluorobiphenyl	13.128	172	90401	0.443	ng	0.00
27) Fluoranthene-d10	19.268	212	104607	0.362	ng	0.00
31) Terphenyl-d14	19.868	244	81947	0.469	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	1875	0.162	ng	# 75
3) n-Nitrosodimethylamine	3.752	42	4002	0.181	ng	# 90
6) bis(2-Chloroethyl)ether	7.293	93	16486	0.228	ng	94
9) Naphthalene	10.712	128	59572	0.213	ng	99
10) Hexachlorobutadiene	11.016	225	12518	0.215	ng	# 100
12) 2-Methylnaphthalene	12.324	142	38028	0.215	ng	98
16) Acenaphthylene	14.206	152	37753	0.187	ng	100
17) Acenaphthene	14.549	154	30457	0.208	ng	99
18) Fluorene	15.539	166	34708	0.206	ng	100
20) 4,6-Dinitro-2-methylph...	15.615	198	187	0.152	ng	# 23
21) 4-Bromophenyl-phenylether	16.435	248	10915	0.199	ng	# 67
22) Hexachlorobenzene	16.544	284	13011	0.210	ng	97
23) Atrazine	16.702	200	5625	0.180	ng	97
24) Pentachlorophenol	16.885	266	1404	0.176	ng	99
25) Phenanthrene	17.274	178	55945	0.211	ng	100
26) Anthracene	17.359	178	44061	0.200	ng	100
28) Fluoranthene	19.297	202	60030	0.211	ng	100
30) Pyrene	19.660	202	58221	0.228	ng	100
32) Benzo(a)anthracene	21.409	228	41695	0.189	ng	99
33) Chrysene	21.452	228	48904	0.216	ng	98
34) Bis(2-ethylhexyl)phtha...	21.345	149	20546	0.178	ng	100
36) Indeno(1,2,3-cd)pyrene	26.244	276	18319	0.156	ng	# 91
37) Benzo(b)fluoranthene	23.071	252	38549	0.202	ng	# 95
38) Benzo(k)fluoranthene	23.119	252	37869	0.216	ng	# 93
39) Benzo(a)pyrene	23.688	252	29348	0.198	ng	# 93
40) Dibenzo(a,h)anthracene	26.268	278	12377	0.139	ng	# 63
41) Benzo(g,h,i)perylene	26.991	276	19242	0.175	ng	# 94

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

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