Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
Data File : BN029416.D
Acq On : 30 Jan 2024 17:45
Operator : MA/JU
Sample : 03572-08
Misc : LOQ-MDL-WATER-0.2NG
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

Quant Time: Jan 30 18:17:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 03:38:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.890	152	4347	0.400	ng		-0.01
7) Naphthalene-d8	10.690	136	12570	0.400	ng		-0.01
13) Acenaphthene-d10	14.532	164	5556	0.400	ng		-0.01
19) Phenanthrene-d10	17.280	188	10002	0.400	ng		#-0.01
29) Chrysene-d12	21.492	240	6541	0.400	ng		# 0.00
35) Perylene-d12	23.876	264	6443	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.457	112	3437	0.329	ng		-0.01
5) Phenol-d6	7.053	99	3975	0.330	ng		-0.01
8) Nitrobenzene-d5	9.057	82	2872	0.274	ng		-0.01
11) 2-Methylnaphthalene-d10	12.284	152	7277	0.425	ng		0.00
14) 2,4,6-Tribromophenol	16.027	330	509	0.286	ng		-0.01
15) 2-Fluorobiphenyl	13.164	172	6708	0.281	ng		-0.01
27) Fluoranthene-d10	19.327	212	12149	0.501	ng		0.00
31) Terphenyl-d14	19.931	244	5284	0.325	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	1149	0.188	ng		98
3) n-Nitrosodimethylamine	3.709	42	892	0.179	ng	#	94
6) bis(2-Chloroethyl)ether	7.320	93	1919	0.167	ng		99
9) Naphthalene	10.733	128	5168	0.144	ng		96
10) Hexachlorobutadiene	11.021	225	1005	0.148	ng	#	99
12) 2-Methylnaphthalene	12.355	142	2925	0.139	ng		99
16) Acenaphthylene	14.254	152	4037	0.153	ng		100
17) Acenaphthene	14.597	154	2562	0.145	ng		99
18) Fluorene	15.580	166	3248	0.146	ng		98
20) 4,6-Dinitro-2-methylph...	15.667	198	279	0.190	ng		90
21) 4-Bromophenyl-phenylether	16.486	248	948	0.159	ng	#	81
22) Hexachlorobenzene	16.585	284	1174	0.161	ng		98
23) Atrazine	16.759	200	742	0.175	ng	#	95
24) Pentachlorophenol	16.933	266	459	0.198	ng		95
25) Phenanthrene	17.330	178	4808	0.163	ng		100
26) Anthracene	17.417	178	4002	0.159	ng		99
28) Fluoranthene	19.355	202	5117	0.154	ng		99
30) Pyrene	19.717	202	5280	0.175	ng		99
32) Benzo(a)anthracene	21.474	228	3715	0.166	ng		100
33) Chrysene	21.528	228	4424	0.174	ng		98
34) Bis(2-ethylhexyl)phtha...	21.429	149	3243	0.213	ng		98
36) Indeno(1,2,3-cd)pyrene	26.341	276	4252	0.164	ng		98
37) Benzo(b)fluoranthene	23.154	252	3841	0.167	ng	#	90
38) Benzo(k)fluoranthene	23.204	252	3778	0.157	ng	#	85
39) Benzo(a)pyrene	23.771	252	3140	0.156	ng	#	83
40) Dibenzo(a,h)anthracene	26.376	278	3168	0.154	ng	#	88
41) Benzo(g,h,i)perylene	27.095	276	4086	0.163	ng		92

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

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