Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052323\
Data File : BN025576.D
Acq On : 23 May 2023 17:00
Operator : CG/JU
Sample : 02213-07
Misc : LOD-MDL-WATER-0.1ng
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Quant Time: May 24 03:49:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 23 03:22:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.063	152	3954	0.400	ng		0.00
7) Naphthalene-d8	10.889	136	11428	0.400	ng		0.00
13) Acenaphthene-d10	14.694	164	6442	0.400	ng		0.00
19) Phenanthrene-d10	17.435	188	14428	0.400	ng		0.00
29) Chrysene-d12	21.616	240	10414	0.400	ng		0.00
35) Perylene-d12	24.129	264	10937	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.600	112	3338	0.328	ng		0.00
5) Phenol-d6	7.210	99	4297	0.335	ng		0.00
8) Nitrobenzene-d5	9.223	82	3321	0.316	ng		-0.01
11) 2-Methylnaphthalene-d10	12.464	152	7338	0.438	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	780	0.290	ng		0.00
15) 2-Fluorobiphenyl	13.326	172	9245	0.331	ng		0.00
27) Fluoranthene-d10	19.456	212	14878	0.435	ng		0.00
31) Terphenyl-d14	20.049	244	7880	0.365	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	433	0.095	ng		93
3) n-Nitrosodimethylamine	3.809	42	270	0.050	ng	#	94
6) bis(2-Chloroethyl)ether	7.478	93	1190	0.101	ng		98
9) Naphthalene	10.931	128	3071	0.097	ng		95
10) Hexachlorobutadiene	11.220	225	537	0.097	ng	#	100
12) 2-Methylnaphthalene	12.536	142	2008	0.090	ng		96
16) Acenaphthylene	14.416	152	2870	0.091	ng		99
17) Acenaphthene	14.758	154	1907	0.087	ng		92
18) Fluorene	15.735	166	2433	0.089	ng		99
20) 4,6-Dinitro-2-methylph...	15.809	198	204	0.053	ng	#	1
21) 4-Bromophenyl-phenylether	16.628	248	795	0.093	ng		95
22) Hexachlorobenzene	16.740	284	760	0.100	ng		96
23) Atrazine	16.889	200	725	0.096	ng		93
24) Pentachlorophenol	17.087	266	174	0.040	ng	#	85
25) Phenanthrene	17.472	178	4265	0.092	ng		99
26) Anthracene	17.572	178	3839	0.091	ng		100
28) Fluoranthene	19.486	202	4572	0.089	ng		98
30) Pyrene	19.848	202	4647	0.099	ng		100
32) Benzo(a)anthracene	21.598	228	3967	0.096	ng		99
33) Chrysene	21.652	228	4127	0.097	ng		99
34) Bis(2-ethylhexyl)phtha...	21.509	149	2592	0.101	ng		99
36) Indeno(1,2,3-cd)pyrene	26.769	276	4443	0.089	ng	#	89
37) Benzo(b)fluoranthene	23.357	252	4185	0.095	ng	#	75
38) Benzo(k)fluoranthene	23.410	252	4032	0.090	ng	#	81
39) Benzo(a)pyrene	24.012	252	3461	0.085	ng	#	62
40) Dibenzo(a,h)anthracene	26.784	278	3519	0.087	ng	#	82
41) Benzo(g,h,i)perylene	27.588	276	3616	0.085	ng		92

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

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