Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011723\
Data File : BN023678.D
Acq On : 17 Jan 2023 12:36
Operator : CG/JU
Sample : N3214-09
Misc : MDL-MDL-WATER 0.1ng
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

Quant Time: Jan 18 05:34:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 05:31:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.963	152	4602	0.400	ng		0.01
7) Naphthalene-d8	10.776	136	13266	0.400	ng		0.01
13) Acenaphthene-d10	14.613	164	7010	0.400	ng		0.01
19) Phenanthrene-d10	17.365	188	14580	0.400	ng	#	0.01
29) Chrysene-d12	21.553	240	10887	0.400	ng		0.00
35) Perylene-d12	23.995	264	8209	0.400	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.500	112	2545	0.279	ng		0.00
5) Phenol-d6	7.118	99	3240	0.275	ng		0.01
8) Nitrobenzene-d5	9.121	82	2719	0.272	ng		0.01
11) 2-Methylnaphthalene-d10	12.367	152	8042	0.439	ng		0.01
14) 2,4,6-Tribromophenol	16.099	330	752	0.248	ng		0.00
15) 2-Fluorobiphenyl	13.234	172	8444	0.298	ng		0.01
27) Fluoranthene-d10	19.393	212	15661	0.439	ng		0.00
31) Terphenyl-d14	19.991	244	9618	0.349	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	460	0.111	ng		96
3) n-Nitrosodimethylamine	3.694	42	393	0.085	ng		90
6) bis(2-Chloroethyl)ether	7.378	93	1388	0.112	ng		99
9) Naphthalene	10.829	128	3625	0.103	ng		96
10) Hexachlorobutadiene	11.107	225	768	0.108	ng	#	99
12) 2-Methylnaphthalene	12.439	142	2856	0.113	ng		98
16) Acenaphthylene	14.335	152	2666	0.094	ng		99
17) Acenaphthene	14.677	154	2078	0.100	ng		99
18) Fluorene	15.660	166	2727	0.098	ng		100
20) 4,6-Dinitro-2-methylph...	15.739	198	135	0.085	ng	#	1
21) 4-Bromophenyl-phenylether	16.545	248	830	0.100	ng	#	89
22) Hexachlorobenzene	16.670	284	1153	0.111	ng		99
23) Atrazine	16.819	200	544	0.095	ng	#	89
24) Pentachlorophenol	17.017	266	321	0.089	ng		91
25) Phenanthrene	17.402	178	4216	0.099	ng		99
26) Anthracene	17.489	178	3241	0.095	ng		100
28) Fluoranthene	19.422	202	4571	0.095	ng		99
30) Pyrene	19.785	202	4393	0.105	ng		100
32) Benzo(a)anthracene	21.535	228	3443	0.098	ng		97
33) Chrysene	21.589	228	4135	0.107	ng		97
34) Bis(2-ethylhexyl)phtha...	21.455	149	2092	0.127	ng		98
36) Indeno(1,2,3-cd)pyrene	26.544	276	3611	0.098	ng		97
37) Benzo(b)fluoranthene	23.246	252	3927	0.112	ng	#	72
38) Benzo(k)fluoranthene	23.299	252	3481	0.102	ng	#	75
39) Benzo(a)pyrene	23.886	252	3103	0.117	ng	#	56
40) Dibenzo(a,h)anthracene	26.570	278	2859	0.097	ng	#	80
41) Benzo(g,h,i)perylene	27.336	276	3044	0.101	ng	#	91

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

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