Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020224\
Data File : BN029498.D
Acq On : 02 Feb 2024 12:55
Operator : MA/JU
Sample : 02213-09
Misc : MDL-MDL-WATER-0.1NG
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

Quant Time: Feb 02 13:35:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 01:51:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	4640	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	12865	0.400	ng		0.00
13) Acenaphthene-d10	14.532	164	5914	0.400	ng		0.00
19) Phenanthrene-d10	17.280	188	10587	0.400	ng	#	0.00
29) Chrysene-d12	21.483	240	6191	0.400	ng		0.00
35) Perylene-d12	23.864	264	6242	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	4082	0.366	ng		0.00
5) Phenol-d6	7.060	99	5307	0.413	ng		0.00
8) Nitrobenzene-d5	9.057	82	4285	0.400	ng		0.00
11) 2-Methylnaphthalene-d10	12.284	152	9537	0.544	ng		0.00
14) 2,4,6-Tribromophenol	16.026	330	582	0.307	ng		0.00
15) 2-Fluorobiphenyl	13.164	172	8907	0.351	ng		0.00
27) Fluoranthene-d10	19.317	212	13825	0.539	ng		0.00
31) Terphenyl-d14	19.926	244	5524	0.359	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	1064	0.163	ng		97
3) n-Nitrosodimethylamine	3.723	42	502	0.094	ng		89
6) bis(2-Chloroethyl)ether	7.334	93	1466	0.119	ng		99
9) Naphthalene	10.744	128	3997	0.109	ng		96
10) Hexachlorobutadiene	11.021	225	655	0.094	ng	#	100
12) 2-Methylnaphthalene	12.355	142	2184	0.101	ng		95
16) Acenaphthylene	14.254	152	2842	0.101	ng		99
17) Acenaphthene	14.596	154	1830	0.097	ng		100
18) Fluorene	15.580	166	2255	0.095	ng		98
20) 4,6-Dinitro-2-methylph...	15.667	198	116	0.075	ng	#	14
21) 4-Bromophenyl-phenylether	16.486	248	600	0.095	ng	#	77
22) Hexachlorobenzene	16.585	284	727	0.094	ng		97
23) Atrazine	16.759	200	404	0.090	ng	#	86
24) Pentachlorophenol	16.933	266	129	0.053	ng		96
25) Phenanthrene	17.330	178	3235	0.103	ng		99
26) Anthracene	17.417	178	2585	0.097	ng		96
28) Fluoranthene	19.350	202	2980	0.085	ng		97
30) Pyrene	19.712	202	2925	0.103	ng		99
32) Benzo(a)anthracene	21.465	228	1890	0.089	ng		96
33) Chrysene	21.519	228	2278	0.095	ng		95
34) Bis(2-ethylhexyl)phtha...	21.411	149	1489	0.103	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.329	276	2055	0.082	ng		98
37) Benzo(b)fluoranthene	23.142	252	1894	0.085	ng	#	65
38) Benzo(k)fluoranthene	23.192	252	1680	0.072	ng	#	47
39) Benzo(a)pyrene	23.762	252	1501	0.077	ng	#	48
40) Dibenzo(a,h)anthracene	26.358	278	1547	0.077	ng	#	68
41) Benzo(g,h,i)perylene	27.080	276	1922	0.079	ng	#	85

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

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