Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
Data File : BN027347.D
Acq On : 01 Sep 2023 16:06
Operator : MA/JU
Sample : 04126-19MS
Misc :
ALS Vial : 128 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE131D1-20230821MS

Quant Time: Sep 02 01:53:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 09:08:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.059	152	4548	0.400	ng		0.00
7) Naphthalene-d8	10.885	136	13055	0.400	ng		0.00
13) Acenaphthene-d10	14.683	164	8050	0.400	ng		0.00
19) Phenanthrene-d10	17.430	188	19047	0.400	ng		0.00
29) Chrysene-d12	21.614	240	15138	0.400	ng		0.00
35) Perylene-d12	24.136	264	12847	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.582	112	2356	0.199	ng		0.00
5) Phenol-d6	7.199	99	1628	0.113	ng		0.00
8) Nitrobenzene-d5	9.251	82	4025	0.423	ng		0.00
11) 2-Methylnaphthalene-d10	12.457	152	7893	0.412	ng		0.00
14) 2,4,6-Tribromophenol	16.177	330	1507	0.506	ng		0.00
15) 2-Fluorobiphenyl	13.315	172	12001	0.392	ng		0.00
27) Fluoranthene-d10	19.458	212	22245	0.470	ng		0.00
31) Terphenyl-d14	20.043	244	16255	0.535	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.451	88	50812	9.152	ng		96
3) n-Nitrosodimethylamine	3.798	42	933	0.158	ng	#	95
6) bis(2-Chloroethyl)ether	7.488	93	4765	0.342	ng		98
9) Naphthalene	10.938	128	12374	0.348	ng		99
10) Hexachlorobutadiene	11.162	225	2189	0.330	ng	#	99
12) 2-Methylnaphthalene	12.532	142	8205	0.324	ng		99
16) Acenaphthylene	14.416	152	12978	0.354	ng		99
17) Acenaphthene	14.747	154	8741	0.358	ng		98
18) Fluorene	15.730	166	12450	0.382	ng		99
20) 4,6-Dinitro-2-methylph...	16.884	198	102	0.376	ng	#	76
21) 4-Bromophenyl-phenylether	16.624	248	3438	0.342	ng		98
22) Hexachlorobenzene	16.698	284	4397	0.369	ng		99
23) Atrazine	16.884	200	2701	0.359	ng		99
24) Pentachlorophenol	17.058	266	2896	0.632	ng		99
25) Phenanthrene	17.480	178	24284	0.434	ng		100
26) Anthracene	17.567	178	19127	0.402	ng		100
28) Fluoranthene	19.486	202	29529	0.448	ng		100
30) Pyrene	19.853	202	30327	0.504	ng		100
32) Benzo(a)anthracene	21.596	228	22892	0.441	ng		100
33) Chrysene	21.650	228	25687	0.450	ng		99
34) Bis(2-ethylhexyl)phtha...	21.471	149	9513	0.380	ng	#	96
36) Indeno(1,2,3-cd)pyrene	26.805	276	20271	0.389	ng		100
37) Benzo(b)fluoranthene	23.350	252	24022	0.483	ng		99
38) Benzo(k)fluoranthene	23.405	252	22100	0.432	ng		99
39) Benzo(a)pyrene	24.022	252	18210	0.392	ng		99
40) Dibenzo(a,h)anthracene	26.829	278	15834	0.387	ng		100
41) Benzo(g,h,i)perylene	27.636	276	18712	0.395	ng		99

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

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