Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020524\
Data File : BN029504.D
Acq On : 05 Feb 2024 12:45
Operator : MA/JU
Sample : PB158799BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158799BS

Quant Time: Feb 05 13:14:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : 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	7.890	152	5379	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	14412	0.400	ng		0.00
13) Acenaphthene-d10	14.532	164	6125	0.400	ng		0.00
19) Phenanthrene-d10	17.280	188	10628	0.400	ng		0.00
29) Chrysene-d12	21.483	240	5736	0.400	ng		0.00
35) Perylene-d12	23.864	264	5376	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	4899	0.379	ng		0.00
5) Phenol-d6	7.060	99	5747	0.385	ng		0.00
8) Nitrobenzene-d5	9.057	82	4045	0.337	ng		0.00
11) 2-Methylnaphthalene-d10	12.280	152	8208	0.418	ng		0.00
14) 2,4,6-Tribromophenol	16.026	330	610	0.310	ng		0.00
15) 2-Fluorobiphenyl	13.164	172	9121	0.347	ng		0.00
27) Fluoranthene-d10	19.317	212	7055	0.274	ng		0.00
31) Terphenyl-d14	19.926	244	4932	0.346	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	2525	0.333	ng	#	57
3) n-Nitrosodimethylamine	3.702	42	1794	0.291	ng	#	84
6) bis(2-Chloroethyl)ether	7.327	93	4771	0.335	ng		98
9) Naphthalene	10.744	128	12603	0.307	ng		99
10) Hexachlorobutadiene	11.021	225	2261	0.290	ng	#	99
12) 2-Methylnaphthalene	12.355	142	7259	0.301	ng		99
16) Acenaphthylene	14.254	152	9400	0.323	ng		99
17) Acenaphthene	14.596	154	5980	0.306	ng		98
18) Fluorene	15.580	166	7138	0.291	ng		100
20) 4,6-Dinitro-2-methylph...	15.667	198	457	0.293	ng	#	62
21) 4-Bromophenyl-phenylether	16.486	248	1989	0.314	ng	#	68
22) Hexachlorobenzene	16.573	284	2337	0.301	ng		99
23) Atrazine	16.759	200	1318	0.293	ng		99
24) Pentachlorophenol	16.933	266	775	0.315	ng		98
25) Phenanthrene	17.317	178	9848	0.313	ng		98
26) Anthracene	17.417	178	8231	0.307	ng		100
28) Fluoranthene	19.350	202	8922	0.252	ng		100
30) Pyrene	19.712	202	9222	0.349	ng		100
32) Benzo(a)anthracene	21.465	228	5911	0.302	ng		99
33) Chrysene	21.519	228	6740	0.303	ng		100
34) Bis(2-ethylhexyl)phtha...	21.420	149	3822	0.286	ng		98
36) Indeno(1,2,3-cd)pyrene	26.329	276	6895	0.319	ng	#	89
37) Benzo(b)fluoranthene	23.142	252	6059	0.315	ng		92
38) Benzo(k)fluoranthene	23.192	252	5825	0.289	ng	#	89
39) Benzo(a)pyrene	23.759	252	5166	0.308	ng	#	89
40) Dibenzo(a,h)anthracene	26.355	278	5448	0.317	ng		97
41) Benzo(g,h,i)perylene	27.080	276	6352	0.303	ng		95

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

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