Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082521\
Data File : BN016037.D
Acq On : 24 Aug 2021 19:00
Operator : CG/JU
Sample : PB138470BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB138470BSD

Quant Time: Aug 25 04:18:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 14:26:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.891	152	8995	0.400	ng		0.00
7) Naphthalene-d8	10.685	136	48690	0.400	ng		0.00
13) Acenaphthene-d10	14.509	164	26406	0.400	ng		0.00
19) Phenanthrene-d10	17.248	188	49708	0.400	ng		0.00
29) Chrysene-d12	21.439	240	51526	0.400	ng	#	0.00
35) Perylene-d12	23.833	264	48700	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.457	112	9245	0.429	ng		0.00
5) Phenol-d6	7.052	99	12881	0.429	ng		0.00
8) Nitrobenzene-d5	9.037	82	13064	0.408	ng		0.00
11) 2-Methylnaphthalene-d10	12.265	152	29692	0.404	ng		0.00
14) 2,4,6-Tribromophenol	15.994	330	3406	0.454	ng		0.00
15) 2-Fluorobiphenyl	13.139	172	38270	0.360	ng		0.00
27) Fluoranthene-d10	19.286	212	54264	0.387	ng		0.00
31) Terphenyl-d14	19.882	244	48993	0.388	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.400	88	1970	0.399	ng		87
3) n-Nitrosodimethylamine	3.751	42	3335	0.430	ng	#	97
6) bis(2-Chloroethyl)ether	7.310	93	10203	0.406	ng		99
9) Naphthalene	10.723	128	49247	0.385	ng		100
10) Hexachlorobutadiene	11.015	225	11365	0.400	ng	#	99
12) 2-Methylnaphthalene	12.340	142	32431	0.397	ng		99
16) Acenaphthylene	14.230	152	37916	0.390	ng		99
17) Acenaphthene	14.573	154	27664	0.372	ng		99
18) Fluorene	15.550	166	33229	0.374	ng		100
20) 4,6-Dinitro-2-methylph...	15.639	198	959	0.372	ng		96
21) 4-Bromophenyl-phenylether	16.445	248	9502	0.381	ng		95
22) Hexachlorobenzene	16.567	284	12919	0.369	ng		99
23) Atrazine	16.713	200	6801	0.447	ng		98
24) Pentachlorophenol	16.908	266	3411	0.371	ng		98
25) Phenanthrene	17.297	178	51868	0.367	ng		100
26) Anthracene	17.382	178	43909	0.379	ng		100
28) Fluoranthene	19.316	202	59627	0.380	ng		100
30) Pyrene	19.678	202	60454	0.395	ng		100
32) Benzo(a)anthracene	21.418	228	60549	0.387	ng		98
33) Chrysene	21.471	228	61965	0.374	ng		97
34) Bis(2-ethylhexyl)phtha...	21.354	149	19406	0.465	ng		100
36) Indeno(1,2,3-cd)pyrene	26.315	276	66426	0.360	ng		99
37) Benzo(b)fluoranthene	23.108	252	63967	0.367	ng	#	94
38) Benzo(k)fluoranthene	23.152	252	60603	0.373	ng		99
39) Benzo(a)pyrene	23.727	252	56338	0.375	ng	#	95
40) Dibenzo(a,h)anthracene	26.335	278	55253	0.362	ng		99
41) Benzo(g,h,i)perylene	27.071	276	56961	0.362	ng		99

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

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