Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
Data File : BN029151.D
Acq On : 21 Dec 2023 15:34
Operator : MA/JU
Sample : PB157677BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB157677BS

Quant Time: Dec 22 04:50:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 18:03:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.789	152	972	0.400	ng		0.00
7) Naphthalene-d8	10.584	136	1817	0.400	ng		0.00
13) Acenaphthene-d10	14.425	164	958	0.400	ng		0.00
19) Phenanthrene-d10	17.181	188	1660	0.400	ng	#	0.00
29) Chrysene-d12	21.393	240	692	0.400	ng		0.00
35) Perylene-d12	23.712	264	898	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	409	0.176	ng		0.00
5) Phenol-d6	7.009	99	543	0.212	ng		0.00
8) Nitrobenzene-d5	8.971	82	356	0.150	ng		0.01
11) 2-Methylnaphthalene-d10	12.174	152	881	0.320	ng		0.00
14) 2,4,6-Tribromophenol	15.927	330	299	0.357	ng		0.00
15) 2-Fluorobiphenyl	13.057	172	1519	0.272	ng		0.00
27) Fluoranthene-d10	19.220	212	1362	0.339	ng		0.00
31) Terphenyl-d14	19.833	244	848	0.446	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	59	0.064	ng	#	40
3) n-Nitrosodimethylamine	3.694	42	50	0.080	ng	#	87
6) bis(2-Chloroethyl)ether	7.248	93	151	0.076	ng		89
9) Naphthalene	10.626	128	607	0.103	ng	#	79
10) Hexachlorobutadiene	10.893	225	168	0.086	ng	#	95
12) 2-Methylnaphthalene	12.250	142	606	0.157	ng		95
16) Acenaphthylene	14.147	152	1574	0.233	ng		99
17) Acenaphthene	14.490	154	881	0.218	ng		96
18) Fluorene	15.484	166	1342	0.246	ng		97
20) 4,6-Dinitro-2-methylph...	15.580	198	95	0.183	ng	#	87
21) 4-Bromophenyl-phenylether	16.386	248	450	0.262	ng		93
22) Hexachlorobenzene	16.473	284	515	0.258	ng		96
23) Atrazine	16.672	200	483	0.335	ng		97
24) Pentachlorophenol	16.833	266	598	0.505	ng		95
25) Phenanthrene	17.218	178	2003	0.292	ng		97
26) Anthracene	17.317	178	1907	0.288	ng	#	96
28) Fluoranthene	19.252	202	1861	0.263	ng		99
30) Pyrene	19.615	202	1884	0.346	ng		98
32) Benzo(a)anthracene	21.375	228	1272	0.334	ng		97
33) Chrysene	21.429	228	1195	0.318	ng		97
34) Bis(2-ethylhexyl)phtha...	21.313	149	1453	0.296	ng		99
36) Indeno(1,2,3-cd)pyrene	26.089	276	2175	0.376	ng	#	78
37) Benzo(b)fluoranthene	23.008	252	1501	0.329	ng		97
38) Benzo(k)fluoranthene	23.052	252	1441	0.322	ng		98
39) Benzo(a)pyrene	23.607	252	1415	0.347	ng		99
40) Dibenzo(a,h)anthracene	26.116	278	1699	0.382	ng	#	91
41) Benzo(g,h,i)perylene	26.823	276	1820	0.372	ng		96

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

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