Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080624\
Data File : BN033283.D
Acq On : 06 Aug 2024 21:03
Operator : MA/JU
Sample : PB162519BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162519BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024

Quant Time: Aug 07 02:05:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 23:57:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.510	152	864	0.400	ng		0.00
7) Naphthalene-d8	10.319	136	3242	0.400	ng		0.00
13) Acenaphthene-d10	14.126	164	2347	0.400	ng		0.00
19) Phenanthrene-d10	16.920	188	5473	0.400	ng		0.00
29) Chrysene-d12	21.125	240	5757	0.400	ng		0.00
35) Perylene-d12	23.288	264	6999	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.307	112	1040m	0.486	ng		0.01
5) Phenol-d6	7.004	99	1414m	0.481	ng		0.01
8) Nitrobenzene-d5	8.909	82	991	0.380	ng		-0.01
11) 2-Methylnaphthalene-d10	11.927	152	2206m	0.459	ng		0.00
14) 2,4,6-Tribromophenol	15.716	330	372	0.425	ng		0.00
15) 2-Fluorobiphenyl	12.800	172	3174	0.395	ng		0.00
27) Fluoranthene-d10	18.955	212	5871	0.383	ng		0.00
31) Terphenyl-d14	19.554	244	4061	0.408	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.047	88	514	0.300	ng	#	79
3) n-Nitrosodimethylamine	3.473	42	453	0.430	ng	#	69
6) bis(2-Chloroethyl)ether	7.048	93	2307m	0.931	ng		
9) Naphthalene	10.372	128	3714	0.422	ng		99
10) Hexachlorobutadiene	10.511	225	747	0.457	ng	#	99
12) 2-Methylnaphthalene	12.010	142	1912	0.364	ng		99
16) Acenaphthylene	13.869	152	3708	0.396	ng		98
17) Acenaphthene	14.190	154	2764	0.409	ng		100
18) Fluorene	15.216	166	3733	0.408	ng		99
20) 4,6-Dinitro-2-methylph...	15.579	198	183	0.425	ng		81
21) 4-Bromophenyl-phenylether	16.113	248	1169	0.403	ng		97
22) Hexachlorobenzene	16.200	284	1283	0.423	ng		99
23) Atrazine	16.399	200	990	0.362	ng		99
24) Pentachlorophenol	16.634	266	363	0.358	ng		94
25) Phenanthrene	16.957	178	5669	0.385	ng		100
26) Anthracene	17.081	178	4361	0.353	ng	#	85
28) Fluoranthene	18.987	202	7465	0.370	ng		99
30) Pyrene	19.354	202	7916	0.393	ng		99
32) Benzo(a)anthracene	21.116	228	5804	0.350	ng		98
33) Chrysene	21.160	228	8983	0.403	ng		99
34) Bis(2-ethylhexyl)phtha...	21.008	149	1271	0.319	ng	#	89
36) Indeno(1,2,3-cd)pyrene	25.481	276	11298	0.357	ng		99
37) Benzo(b)fluoranthene	22.645	252	7500	0.353	ng		98
38) Benzo(k)fluoranthene	22.689	252	11246m	0.423	ng		
39) Benzo(a)pyrene	23.218	252	8071	0.379	ng		97
40) Dibenzo(a,h)anthracene	25.478	278	8899	0.356	ng		98
41) Benzo(g,h,i)perylene	26.153	276	10482	0.366	ng		98

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

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