Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
Data File : BN033489.D
Acq On : 20 Aug 2024 04:44
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 20 05:11:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	9356	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	25244	0.400	ng	0.00
13) Acenaphthene-d10	14.189	164	13324	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	27326	0.400	ng	# 0.00
29) Chrysene-d12	21.148	240	15982	0.400	ng	# 0.00
35) Perylene-d12	23.315	264	15401	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	9381	0.315	ng	0.00
5) Phenol-d6	6.736	99	11919	0.337	ng	0.00
8) Nitrobenzene-d5	8.692	82	7174	0.343	ng	0.00
11) 2-Methylnaphthalene-d10	11.911	152	13215	0.366	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	2176	0.304	ng	0.00
15) 2-Fluorobiphenyl	12.810	172	20133	0.370	ng	0.00
27) Fluoranthene-d10	18.980	212	21914	0.334	ng	0.00
31) Terphenyl-d14	19.593	244	14166	0.390	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.190	88	3709	0.345	ng	99
3) n-Nitrosodimethylamine	3.479	42	4333	0.346	ng	95
6) bis(2-Chloroethyl)ether	6.989	93	9500	0.379	ng	98
9) Naphthalene	10.368	128	24880	0.369	ng	99
10) Hexachlorobutadiene	10.667	225	4937	0.367	ng	# 99
12) 2-Methylnaphthalene	11.987	142	15814	0.370	ng	100
16) Acenaphthylene	13.900	152	20338	0.348	ng	100
17) Acenaphthene	14.253	154	14950	0.364	ng	100
18) Fluorene	15.247	166	18685	0.361	ng	100
20) 4,6-Dinitro-2-methylph...	15.322	198	1207	0.283	ng	84
21) 4-Bromophenyl-phenylether	16.147	248	5992	0.361	ng	92
22) Hexachlorobenzene	16.247	284	6968	0.380	ng	98
23) Atrazine	16.421	200	4319	0.326	ng	97
24) Pentachlorophenol	16.594	266	2289	0.288	ng	98
25) Phenanthrene	16.979	178	28352	0.373	ng	100
26) Anthracene	17.066	178	23445	0.349	ng	99
28) Fluoranthene	19.008	202	28847	0.343	ng	100
30) Pyrene	19.375	202	28803	0.404	ng	100
32) Benzo(a)anthracene	21.130	228	21018	0.364	ng	100
33) Chrysene	21.184	228	21631	0.377	ng	99
34) Bis(2-ethylhexyl)phtha...	21.095	149	11819	0.323	ng	99
36) Indeno(1,2,3-cd)pyrene	25.472	276	23975	0.375	ng	99
37) Benzo(b)fluoranthene	22.671	252	21917	0.381	ng	99
38) Benzo(k)fluoranthene	22.712	252	21498	0.380	ng	99
39) Benzo(a)pyrene	23.221	252	16672	0.350	ng	100
40) Dibenzo(a,h)anthracene	25.490	278	19084	0.373	ng	99
41) Benzo(g,h,i)perylene	26.121	276	20155	0.369	ng	100

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

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