Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041125\
Data File : BN036880.D
Acq On : 11 Apr 2025 16:18
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN041125

Quant Time: Apr 11 16:41:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 11 16:11:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.640	152	356	0.400	ng		0.00
7) Naphthalene-d8	10.426	136	934	0.400	ng		0.00
13) Acenaphthene-d10	14.288	164	562	0.400	ng		0.00
19) Phenanthrene-d10	17.034	188	1227	0.400	ng		0.00
29) Chrysene-d12	21.233	240	1378	0.400	ng		0.00
35) Perylene-d12	23.450	264	1678	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.228	112	330	0.394	ng		0.00
5) Phenol-d6	6.817	99	364	0.340	ng		0.00
8) Nitrobenzene-d5	8.792	82	372	0.359	ng		0.00
11) 2-Methylnaphthalene-d10	12.021	152	516	0.380	ng		0.00
14) 2,4,6-Tribromophenol	15.780	330	92	0.340	ng		0.00
15) 2-Fluorobiphenyl	12.909	172	927	0.343	ng		0.00
27) Fluoranthene-d10	19.073	212	1345	0.389	ng		0.00
31) Terphenyl-d14	19.677	244	1023	0.391	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.155	88	176m	0.426	ng		
3) n-Nitrosodimethylamine	3.473	42	416	0.455	ng	#	100
6) bis(2-Chloroethyl)ether	7.070	93	423	0.403	ng		89
9) Naphthalene	10.468	128	1042	0.388	ng		95
10) Hexachlorobutadiene	10.767	225	245	0.402	ng	#	98
12) 2-Methylnaphthalene	12.092	142	620	0.358	ng		95
16) Acenaphthylene	14.010	152	1105	0.423	ng		98
17) Acenaphthene	14.352	154	664	0.391	ng		95
18) Fluorene	15.346	166	914	0.390	ng		96
20) 4,6-Dinitro-2-methylph...	15.432	198	95	0.327	ng	#	46
21) 4-Bromophenyl-phenylether	16.239	248	273	0.371	ng		98
22) Hexachlorobenzene	16.351	284	325	0.374	ng		92
23) Atrazine	16.512	200	322	0.448	ng		93
24) Pentachlorophenol	16.686	266	179	0.393	ng		93
25) Phenanthrene	17.071	178	1449	0.394	ng		100
26) Anthracene	17.170	178	1362	0.415	ng		97
28) Fluoranthene	19.101	202	1833	0.396	ng		99
30) Pyrene	19.468	202	1936	0.372	ng		98
32) Benzo(a)anthracene	21.216	228	1916	0.394	ng		99
33) Chrysene	21.269	228	2205	0.411	ng		99
34) Bis(2-ethylhexyl)phtha...	21.153	149	1487	0.412	ng		99
36) Indeno(1,2,3-cd)pyrene	25.675	276	3402	0.425	ng		98
37) Benzo(b)fluoranthene	22.787	252	2332	0.392	ng		96
38) Benzo(k)fluoranthene	22.828	252	2571	0.428	ng		96
39) Benzo(a)pyrene	23.354	252	2267	0.434	ng		96
40) Dibenzo(a,h)anthracene	25.699	278	2690	0.423	ng		96
41) Benzo(g,h,i)perylene	26.357	276	2966	0.413	ng		98

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

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