Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042825\
Data File : BN036930.D
Acq On : 28 Apr 2025 15:51
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN042825

Quant Time: Apr 28 18:00:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 15:35:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.633	152	2409	0.400	ng		0.00
7) Naphthalene-d8	10.415	136	6199	0.400	ng		0.00
13) Acenaphthene-d10	14.277	164	3595	0.400	ng		0.00
19) Phenanthrene-d10	17.021	188	7165	0.400	ng		0.00
29) Chrysene-d12	21.215	240	5561	0.400	ng		0.00
35) Perylene-d12	23.427	264	4453	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.220	112	2200	0.357	ng		0.00
5) Phenol-d6	6.802	99	2639	0.348	ng		0.00
8) Nitrobenzene-d5	8.781	82	2643	0.408	ng		0.00
11) 2-Methylnaphthalene-d10	12.006	152	3565	0.411	ng		0.00
14) 2,4,6-Tribromophenol	15.767	330	524	0.327	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	6791	0.391	ng		0.00
27) Fluoranthene-d10	19.059	212	7362	0.396	ng		0.00
31) Terphenyl-d14	19.667	244	5345	0.407	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.148	88	1307	0.435	ng		96
3) n-Nitrosodimethylamine	3.465	42	2382	0.409	ng	#	98
6) bis(2-Chloroethyl)ether	7.062	93	2960	0.421	ng		97
9) Naphthalene	10.458	128	7201	0.399	ng		100
10) Hexachlorobutadiene	10.757	225	1616	0.414	ng	#	98
12) 2-Methylnaphthalene	12.082	142	4278	0.367	ng		100
16) Acenaphthylene	13.999	152	7225	0.411	ng		100
17) Acenaphthene	14.341	154	4406	0.382	ng		100
18) Fluorene	15.325	166	5893	0.390	ng		100
20) 4,6-Dinitro-2-methylph...	15.410	198	612	0.323	ng		91
21) 4-Bromophenyl-phenylether	16.227	248	1798	0.376	ng		96
22) Hexachlorobenzene	16.338	284	2026	0.387	ng		99
23) Atrazine	16.500	200	1554	0.403	ng		99
24) Pentachlorophenol	16.686	266	885	0.315	ng		99
25) Phenanthrene	17.058	178	9212	0.390	ng		100
26) Anthracene	17.157	178	8400	0.393	ng		100
28) Fluoranthene	19.091	202	10081	0.380	ng		99
30) Pyrene	19.453	202	10076	0.376	ng		100
32) Benzo(a)anthracene	21.197	228	8105	0.396	ng		98
33) Chrysene	21.251	228	8947	0.405	ng		99
34) Bis(2-ethylhexyl)phtha...	21.144	149	4190	0.360	ng		99
36) Indeno(1,2,3-cd)pyrene	25.640	276	6626	0.364	ng		99
37) Benzo(b)fluoranthene	22.763	252	7283	0.389	ng		99
38) Benzo(k)fluoranthene	22.810	252	7655	0.407	ng		98
39) Benzo(a)pyrene	23.330	252	6417	0.417	ng		97
40) Dibenzo(a,h)anthracene	25.663	278	5177	0.362	ng		99
41) Benzo(g,h,i)perylene	26.321	276	5705	0.359	ng		98

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

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