Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112024\
Data File : BN035217.D
Acq On : 21 Nov 2024 03:50
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Nov 21 04:49:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 20 23:40:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.546	152	13	0.400	ng	# 0.00
7) Naphthalene-d8	10.340	136	34	0.400	ng	# 0.04
13) Acenaphthene-d10	14.275	164	18	0.400	ng	# 0.10
19) Phenanthrene-d10	17.131	188	44	0.400	ng	# 0.20
29) Chrysene-d12	21.402	240	30	0.400	ng	# 0.25
35) Perylene-d12	23.592	264	11	0.400	ng	# 0.27
System Monitoring Compounds						
4) 2-Fluorophenol	5.155	112	21	0.636	ng	-0.01
5) Phenol-d6	6.722	99	45	1.087	ng	0.00
8) Nitrobenzene-d5	8.696	82	72	2.433	ng	0.02
11) 2-Methylnaphthalene-d10	12.059	152	46	0.759	ng	0.16
14) 2,4,6-Tribromophenol	15.765	330	38	2.926	ng	0.09
15) 2-Fluorobiphenyl	12.918	172	15	0.205	ng	0.12
27) Fluoranthene-d10	19.210	212	7	0.052	ng	0.23
31) Terphenyl-d14	19.795	244	23	0.365	ng	0.21
Target Compounds						Qvalue
2) 1,4-Dioxane	3.169	88	52	4.404	ng	# 23
3) n-Nitrosodimethylamine	3.451	42	104	9.451	ng	# 1
6) bis(2-Chloroethyl)ether	6.968	93	26	0.837	ng	# 57
9) Naphthalene	10.361	128	23	0.259	ng	# 1
10) Hexachlorobutadiene	10.714	225	32	1.230	ng	# 18
12) 2-Methylnaphthalene	12.025	142	7	0.107	ng	# 61
16) Acenaphthylene	14.029	152	96	1.248	ng	# 61
17) Acenaphthene	14.372	154	21	0.417	ng	# 46
18) Fluorene	15.355	166	65	0.877	ng	# 47
20) 4,6-Dinitro-2-methylph...	15.483	198	26	2.839	ng	# 1
21) 4-Bromophenyl-phenylether	16.287	248	36	1.284	ng	# 51
22) Hexachlorobenzene	16.448	284	31	1.066	ng	# 22
23) Atrazine	16.659	200	11	0.437	ng	# 1
24) Pentachlorophenol	16.758	266	67	4.929	ng	# 43
25) Phenanthrene	17.218	178	42	0.363	ng	# 1
26) Anthracene	17.305	178	10	0.094	ng	# 1
28) Fluoranthene	19.229	202	7	0.044	ng	# 66
30) Pyrene	19.586	202	9	0.090	ng	# 1
32) Benzo(a)anthracene	21.384	228	30	0.287	ng	# 1
33) Chrysene	21.429	228	13	0.126	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.312	149	23	0.420	ng	# 1
36) Indeno(1,2,3-cd)pyrene	25.761	276	13	0.296	ng	# 1
37) Benzo(b)fluoranthene	22.937	252	9	0.243	ng	# 9
38) Benzo(k)fluoranthene	22.978	252	9	0.243	ng	# 12
39) Benzo(a)pyrene	23.504	252	3	0.092	ng	# 11
40) Dibenzo(a,h)anthracene	25.791	278	8	0.230	ng	# 1
41) Benzo(g,h,i)perylene	26.446	276	8	0.216	ng	# 1

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

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