Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032607.D
Acq On : 10 Jul 2024 03:25
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 10 04:40:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 02:39:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	6572	0.400	ng	0.00
7) Naphthalene-d8	10.368	136	21293	0.400	ng	-0.01
13) Acenaphthene-d10	14.221	164	14742	0.400	ng	-0.01
19) Phenanthrene-d10	16.991	188	31696	0.400	ng	-0.01
29) Chrysene-d12	21.202	240	23618	0.400	ng	0.00
35) Perylene-d12	23.417	264	22258	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.212	112	5781	0.348	ng	0.00
5) Phenol-d6	6.808	99	7457	0.351	ng	-0.01
8) Nitrobenzene-d5	8.787	82	5422	0.341	ng	-0.01
11) 2-Methylnaphthalene-d10	11.971	152	13266	0.394	ng	-0.01
14) 2,4,6-Tribromophenol	15.762	330	2100	0.314	ng	0.00
15) 2-Fluorobiphenyl	12.852	172	20515	0.378	ng	-0.01
27) Fluoranthene-d10	19.035	212	30019	0.363	ng	0.00
31) Terphenyl-d14	19.639	244	22834	0.396	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.161	88	3074	0.355	ng	97
3) n-Nitrosodimethylamine	3.486	42	2292	0.365	ng	# 99
6) bis(2-Chloroethyl)ether	7.039	93	5453	0.380	ng	97
9) Naphthalene	10.410	128	22664	0.390	ng	98
10) Hexachlorobutadiene	10.656	225	4345	0.375	ng	# 99
12) 2-Methylnaphthalene	12.051	142	15348	0.394	ng	99
16) Acenaphthylene	13.953	152	22029	0.347	ng	100
17) Acenaphthene	14.285	154	16709	0.379	ng	99
18) Fluorene	15.290	166	21673	0.375	ng	100
20) 4,6-Dinitro-2-methylph...	15.482	198	946	0.389	ng	# 69
21) 4-Bromophenyl-phenylether	16.184	248	7257	0.386	ng	93
22) Hexachlorobenzene	16.284	284	7883	0.381	ng	99
23) Atrazine	16.470	200	4993	0.340	ng	95
24) Pentachlorophenol	16.681	266	1962	0.375	ng	99
25) Phenanthrene	17.029	178	33042	0.384	ng	100
26) Anthracene	17.140	178	24507	0.354	ng	99
28) Fluoranthene	19.068	202	37837	0.364	ng	100
30) Pyrene	19.435	202	39249	0.409	ng	100
32) Benzo(a)anthracene	21.193	228	28992	0.371	ng	100
33) Chrysene	21.238	228	36016	0.388	ng	99
34) Bis(2-ethylhexyl)phtha...	21.094	149	17019	0.321	ng	99
36) Indeno(1,2,3-cd)pyrene	25.650	276	32212	0.379	ng	100
37) Benzo(b)fluoranthene	22.750	252	29417	0.397	ng	95
38) Benzo(k)fluoranthene	22.794	252	34728m	0.406	ng	
39) Benzo(a)pyrene	23.326	252	26653	0.380	ng	94
40) Dibenzo(a,h)anthracene	25.665	278	25364	0.376	ng	95
41) Benzo(g,h,i)perylene	26.335	276	28775	0.392	ng	96

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

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