Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082924\
Data File : BN033705.D
Acq On : 30 Aug 2024 13:55
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024

Quant Time: Aug 30 14:22:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 23:33:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.530	152	4908	0.400	ng		0.00
7) Naphthalene-d8	10.282	136	12501	0.400	ng		#-0.01
13) Acenaphthene-d10	14.156	164	5625	0.400	ng		-0.01
19) Phenanthrene-d10	16.917	188	10981	0.400	ng		0.00
29) Chrysene-d12	21.121	240	8430	0.400	ng		0.00
35) Perylene-d12	23.285	264	9100	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.161	112	4873	0.330	ng		0.00
5) Phenol-d6	6.714	99	5669	0.325	ng		0.00
8) Nitrobenzene-d5	8.659	82	3973	0.382	ng		0.00
11) 2-Methylnaphthalene-d10	11.880	152	6424	0.364	ng		0.00
14) 2,4,6-Tribromophenol	15.663	330	859	0.318	ng		0.00
15) 2-Fluorobiphenyl	12.777	172	9340	0.394	ng		0.00
27) Fluoranthene-d10	18.956	212	10108	0.373	ng		0.00
31) Terphenyl-d14	19.569	244	6296	0.353	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	2336	0.410	ng		97
3) n-Nitrosodimethylamine	3.471	42	2643	0.395	ng	#	98
6) bis(2-Chloroethyl)ether	6.967	93	5333	0.401	ng		99
9) Naphthalene	10.335	128	13142	0.393	ng		100
10) Hexachlorobutadiene	10.634	225	2783	0.401	ng	#	99
12) 2-Methylnaphthalene	11.956	142	7879	0.382	ng		99
16) Acenaphthylene	13.878	152	9265	0.381	ng		100
17) Acenaphthene	14.220	154	6563	0.387	ng		99
18) Fluorene	15.215	166	8199	0.391	ng		100
20) 4,6-Dinitro-2-methylph...	15.300	198	414	0.248	ng	#	79
21) 4-Bromophenyl-phenylether	16.122	248	2486	0.391	ng		92
22) Hexachlorobenzene	16.221	284	2949	0.407	ng		99
23) Atrazine	16.395	200	1792	0.354	ng		97
24) Pentachlorophenol	16.569	266	1030	0.314	ng		99
25) Phenanthrene	16.954	178	12130	0.397	ng		100
26) Anthracene	17.041	178	10061	0.380	ng		99
28) Fluoranthene	18.984	202	13414	0.390	ng		99
30) Pyrene	19.351	202	13738	0.403	ng		100
32) Benzo(a)anthracene	21.112	228	12183	0.410	ng		98
33) Chrysene	21.157	228	12451	0.409	ng		99
34) Bis(2-ethylhexyl)phtha...	21.067	149	6030m	0.358	ng		
36) Indeno(1,2,3-cd)pyrene	25.419	276	16005	0.410	ng		99
37) Benzo(b)fluoranthene	22.645	252	13793	0.412	ng		99
38) Benzo(k)fluoranthene	22.686	252	13417	0.409	ng		99
39) Benzo(a)pyrene	23.188	252	11260	0.403	ng		98
40) Dibenzo(a,h)anthracene	25.440	278	12791	0.411	ng		100
41) Benzo(g,h,i)perylene	26.068	276	14291	0.424	ng		99

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

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