Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
Data File : BN033597.D
Acq On : 23 Aug 2024 19:35
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/29/2024

Quant Time: Aug 24 02:18:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 00:22:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.545	152	9828	0.400	ng		0.00
7) Naphthalene-d8	10.304	136	25967	0.400	ng	#	0.00
13) Acenaphthene-d10	14.178	164	12079	0.400	ng		0.00
19) Phenanthrene-d10	16.929	188	22713	0.400	ng		0.00
29) Chrysene-d12	21.139	240	18196	0.400	ng	#	0.00
35) Perylene-d12	23.303	264	20980	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	10943	0.350	ng		0.00
5) Phenol-d6	6.736	99	13774	0.371	ng		0.00
8) Nitrobenzene-d5	8.681	82	8213	0.381	ng		0.00
11) 2-Methylnaphthalene-d10	11.903	152	13607	0.366	ng		0.00
14) 2,4,6-Tribromophenol	15.676	330	2433	0.375	ng		0.00
15) 2-Fluorobiphenyl	12.799	172	18809	0.381	ng		0.00
27) Fluoranthene-d10	18.970	212	20855	0.382	ng		0.00
31) Terphenyl-d14	19.583	244	14432	0.349	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.183	88	3539	0.313	ng		98
3) n-Nitrosodimethylamine	3.472	42	4217	0.321	ng	#	99
6) bis(2-Chloroethyl)ether	6.982	93	10187	0.387	ng		99
9) Naphthalene	10.357	128	25228	0.364	ng		99
10) Hexachlorobutadiene	10.656	225	5318	0.384	ng	#	100
12) 2-Methylnaphthalene	11.975	142	15558	0.354	ng		99
16) Acenaphthylene	13.889	152	19382	0.366	ng		100
17) Acenaphthene	14.242	154	12897	0.346	ng		98
18) Fluorene	15.236	166	15835	0.337	ng		99
20) 4,6-Dinitro-2-methylph...	15.322	198	462	0.130	ng	#	79
21) 4-Bromophenyl-phenylether	16.135	248	5081	0.368	ng		97
22) Hexachlorobenzene	16.247	284	5684	0.373	ng		99
23) Atrazine	16.420	200	4268	0.388	ng	#	90
24) Pentachlorophenol	16.594	266	2598	0.394	ng		97
25) Phenanthrene	16.967	178	22615	0.358	ng		100
26) Anthracene	17.066	178	20473	0.366	ng		99
28) Fluoranthene	19.003	202	25561	0.366	ng		100
30) Pyrene	19.365	202	26845	0.331	ng		99
32) Benzo(a)anthracene	21.121	228	25023	0.380	ng		99
33) Chrysene	21.175	228	24128	0.369	ng		99
34) Bis(2-ethylhexyl)phtha...	21.077	149	19642m	0.472	ng		
36) Indeno(1,2,3-cd)pyrene	25.452	276	30943	0.355	ng		98
37) Benzo(b)fluoranthene	22.657	252	26624	0.340	ng		98
38) Benzo(k)fluoranthene	22.703	252	26076	0.338	ng		95
39) Benzo(a)pyrene	23.209	252	23498	0.362	ng		100
40) Dibenzo(a,h)anthracene	25.469	278	24516	0.352	ng		99
41) Benzo(g,h,i)perylene	26.107	276	25975	0.349	ng		99

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

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