Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
Data File : BN016298.D
Acq On : 10 Sep 2021 19:46
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
9/13/2021 10:21:43 AM

Quant Time: Sep 11 02:30:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 10 14:34:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.864	152	10933	0.400	ng		0.00
7) Naphthalene-d8	10.660	136	55293	0.400	ng		0.00
13) Acenaphthene-d10	14.484	164	31861	0.400	ng		-0.01
19) Phenanthrene-d10	17.236	188	64952	0.400	ng		0.00
29) Chrysene-d12	21.429	240	57647	0.400	ng		0.00
35) Perylene-d12	23.813	264	33177	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.457	112	10878	0.390	ng		0.00
5) Phenol-d6	7.043	99	13903	0.398	ng		0.00
8) Nitrobenzene-d5	9.012	82	16593	0.373	ng		0.00
11) 2-Methylnaphthalene-d10	12.247	152	32880	0.381	ng		0.00
14) 2,4,6-Tribromophenol	15.981	330	5205	0.398	ng		0.00
15) 2-Fluorobiphenyl	13.114	172	47320	0.379	ng		0.00
27) Fluoranthene-d10	19.271	212	73303	0.384	ng		0.00
31) Terphenyl-d14	19.867	244	62690	0.433	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.373	88	1169	0.301	ng	#	97
3) n-Nitrosodimethylamine	3.742	42	2470	0.307	ng	#	93
6) bis(2-Chloroethyl)ether	7.292	93	11557	0.402	ng		98
9) Naphthalene	10.711	128	56985	0.386	ng		100
10) Hexachlorobutadiene	10.989	225	11429	0.379	ng	#	99
12) 2-Methylnaphthalene	12.318	142	39121	0.393	ng		99
16) Acenaphthylene	14.205	152	54487	0.382	ng		100
17) Acenaphthene	14.548	154	35208	0.380	ng		99
18) Fluorene	15.537	166	44500	0.389	ng		99
20) 4,6-Dinitro-2-methylph...	15.626	198	215	0.290	ng	#	62
21) 4-Bromophenyl-phenylether	16.421	248	13471	0.388	ng	#	75
22) Hexachlorobenzene	16.543	284	15881	0.381	ng		100
23) Atrazine	16.701	200	10641	0.333	ng		99
24) Pentachlorophenol	16.896	266	2419	0.487	ng		98
25) Phenanthrene	17.273	178	72687	0.385	ng		100
26) Anthracene	17.370	178	67129	0.387	ng		100
28) Fluoranthene	19.301	202	86236	0.389	ng		100
30) Pyrene	19.663	202	87797	0.449	ng		100
32) Benzo(a)anthracene	21.408	228	76218	0.424	ng		99
33) Chrysene	21.461	228	73474	0.413	ng		100
34) Bis(2-ethylhexyl)phtha...	21.333	149	50004	0.452	ng		99
36) Indeno(1,2,3-cd)pyrene	26.281	276	20483	0.371	ng		96
37) Benzo(b)fluoranthene	23.087	252	56435m	0.441	ng		
38) Benzo(k)fluoranthene	23.132	252	49199	0.431	ng		98
39) Benzo(a)pyrene	23.707	252	41242	0.433	ng	#	72
40) Dibenzo(a,h)anthracene	26.301	278	16831	0.399	ng	#	95
41) Benzo(g,h,i)perylene	27.044	276	15574	0.340	ng		97

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

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