Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
Data File : BN016450.D
Acq On : 25 Sep 2021 00:02
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Sep 25 05:06:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.670	152	23318	0.40	ng		0.00
7) Naphthalene-d8	10.432	136	99922	0.40	ng		#-0.01
13) Acenaphthene-d10	14.294	164	51993	0.40	ng		0.00
19) Phenanthrene-d10	17.042	188	101300	0.40	ng		0.00
29) Chrysene-d12	21.249	240	100221	0.40	ng		0.00
35) Perylene-d12	23.512	264	91236	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	18881	0.36	ng		0.00
5) Phenol-d6	6.849	99	22348	0.36	ng		0.00
8) Nitrobenzene-d5	8.810	82	26840	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.029	152	55916	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	4979	0.38	ng		0.00
15) 2-Fluorobiphenyl	12.911	172	80414	0.37	ng		-0.01
27) Fluoranthene-d10	19.088	212	100469	0.36	ng		0.00
31) Terphenyl-d14	19.698	244	89351	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	3668	0.37	ng	#	84
3) n-Nitrosodimethylamine	3.631	42	9711	0.40	ng	#	70
6) bis(2-Chloroethyl)ether	7.108	93	25136	0.40	ng		93
9) Naphthalene	10.483	128	99817	0.37	ng		99
10) Hexachlorobutadiene	10.774	225	20667	0.39	ng	#	99
12) 2-Methylnaphthalene	12.105	142	65033	0.39	ng		99
16) Acenaphthylene	14.015	152	78495	0.37	ng		100
17) Acenaphthene	14.358	154	55099	0.37	ng		98
18) Fluorene	15.347	166	67239	0.37	ng		99
20) 4,6-Dinitro-2-methylph...	15.436	198	1830	0.30	ng	#	68
21) 4-Bromophenyl-phenylether	16.251	248	21534	0.36	ng	#	94
22) Hexachlorobenzene	16.348	284	22316	0.38	ng	#	90
23) Atrazine	16.519	200	13537	0.38	ng	#	92
24) Pentachlorophenol	16.701	266	5962	0.44	ng		98
25) Phenanthrene	17.091	178	110997	0.37	ng		99
26) Anthracene	17.176	178	89057	0.35	ng		99
28) Fluoranthene	19.117	202	125048	0.38	ng		99
30) Pyrene	19.480	202	121890	0.39	ng		99
32) Benzo(a)anthracene	21.238	228	109574	0.38	ng		99
33) Chrysene	21.280	228	125678	0.40	ng		97
34) Bis(2-ethylhexyl)phtha...	21.185	149	35905	0.45	ng		97
36) Indeno(1,2,3-cd)pyrene	25.805	276	107933	0.37	ng		100
37) Benzo(b)fluoranthene	22.831	252	110959	0.36	ng		98
38) Benzo(k)fluoranthene	22.875	252	116172	0.39	ng		98
39) Benzo(a)pyrene	23.413	252	91674	0.37	ng	#	96
40) Dibenzo(a,h)anthracene	25.829	278	91175	0.36	ng		97
41) Benzo(g,h,i)perylene	26.507	276	89102	0.34	ng		95

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

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