Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
Data File : BN027158.D
Acq On : 26 Aug 2023 17:50
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 26 22:34:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.080	152	6063	0.400	ng		0.00
7) Naphthalene-d8	10.906	136	15465	0.400	ng		0.00
13) Acenaphthene-d10	14.705	164	9931	0.400	ng		0.00
19) Phenanthrene-d10	17.455	188	22390	0.400	ng		0.00
29) Chrysene-d12	21.632	240	17711	0.400	ng		0.00
35) Perylene-d12	24.165	264	16698	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.596	112	5809	0.340	ng		0.00
5) Phenol-d6	7.214	99	7405	0.351	ng		0.00
8) Nitrobenzene-d5	9.273	82	4423	0.339	ng		0.00
11) 2-Methylnaphthalene-d10	12.479	152	9322	0.379	ng		0.00
14) 2,4,6-Tribromophenol	16.202	330	1309	0.248	ng		0.00
15) 2-Fluorobiphenyl	13.336	172	14727	0.399	ng		0.00
27) Fluoranthene-d10	19.472	212	21164	0.369	ng		0.00
31) Terphenyl-d14	20.062	244	14018	0.379	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.465	88	2852	0.437	ng		99
3) n-Nitrosodimethylamine	3.812	42	3075	0.423	ng	#	94
6) bis(2-Chloroethyl)ether	7.510	93	7295	0.411	ng		96
9) Naphthalene	10.959	128	16417	0.404	ng		100
10) Hexachlorobutadiene	11.184	225	3550	0.427	ng	#	99
12) 2-Methylnaphthalene	12.551	142	12317	0.387	ng		100
16) Acenaphthylene	14.437	152	18297	0.386	ng		100
17) Acenaphthene	14.769	154	12003	0.410	ng		97
18) Fluorene	15.742	166	16030	0.408	ng		99
20) 4,6-Dinitro-2-methylph...	16.897	198	139	0.396	ng	#	62
21) 4-Bromophenyl-phenylether	16.636	248	4585	0.359	ng	#	77
22) Hexachlorobenzene	16.723	284	5830	0.427	ng		97
23) Atrazine	16.909	200	3394	0.298	ng		98
24) Pentachlorophenol	17.083	266	2017	0.293	ng		96
25) Phenanthrene	17.492	178	25357	0.394	ng		99
26) Anthracene	17.592	178	21067	0.351	ng		100
28) Fluoranthene	19.504	202	29504	0.387	ng		99
30) Pyrene	19.871	202	30922	0.454	ng		100
32) Benzo(a)anthracene	21.614	228	22843	0.357	ng		99
33) Chrysene	21.668	228	27077	0.420	ng		99
34) Bis(2-ethylhexyl)phtha...	21.488	149	11781	0.256	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.843	276	24083	0.352	ng		97
37) Benzo(b)fluoranthene	23.376	252	25087	0.449	ng	#	94
38) Benzo(k)fluoranthene	23.428	252	24638	0.429	ng	#	94
39) Benzo(a)pyrene	24.048	252	22780	0.407	ng	#	91
40) Dibenzo(a,h)anthracene	26.870	278	18878	0.347	ng		95
41) Benzo(g,h,i)perylene	27.677	276	21753	0.371	ng		96

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

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