Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082823\
Data File : BN027209.D
Acq On : 28 Aug 2023 10:02
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 29 03:22:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 03:21:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.073	152	6120	0.400	ng		0.00
7) Naphthalene-d8	10.895	136	15220	0.400	ng		0.00
13) Acenaphthene-d10	14.694	164	9848	0.400	ng		0.00
19) Phenanthrene-d10	17.455	188	22188	0.400	ng		0.00
29) Chrysene-d12	21.623	240	15884	0.400	ng		# 0.00
35) Perylene-d12	24.165	264	13484	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.589	112	5842	0.339	ng		0.00
5) Phenol-d6	7.207	99	7123	0.334	ng		0.00
8) Nitrobenzene-d5	9.262	82	5013	0.390	ng		0.00
11) 2-Methylnaphthalene-d10	12.472	152	9488	0.392	ng		0.00
14) 2,4,6-Tribromophenol	16.189	330	1245	0.238	ng		0.00
15) 2-Fluorobiphenyl	13.326	172	14870	0.407	ng		0.00
27) Fluoranthene-d10	19.472	212	20743	0.365	ng		0.00
31) Terphenyl-d14	20.057	244	12946	0.390	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.466	88	2975	0.452	ng		98
3) n-Nitrosodimethylamine	3.805	42	3265	0.445	ng	#	91
6) bis(2-Chloroethyl)ether	7.503	93	7561	0.422	ng		96
9) Naphthalene	10.949	128	16394	0.409	ng		100
10) Hexachlorobutadiene	11.184	225	3517	0.429	ng	#	100
12) 2-Methylnaphthalene	12.544	142	12523	0.400	ng		100
16) Acenaphthylene	14.427	152	18761	0.399	ng		100
17) Acenaphthene	14.758	154	12218	0.421	ng		96
18) Fluorene	15.742	166	16242	0.417	ng		98
20) 4,6-Dinitro-2-methylph...	16.897	198	121	0.348	ng	#	37
21) 4-Bromophenyl-phenylether	16.636	248	4572	0.361	ng	#	88
22) Hexachlorobenzene	16.723	284	5766	0.426	ng		96
23) Atrazine	16.897	200	3187	0.283	ng	#	90
24) Pentachlorophenol	17.083	266	1766	0.259	ng		98
25) Phenanthrene	17.492	178	25484	0.400	ng		100
26) Anthracene	17.579	178	20818	0.350	ng		100
28) Fluoranthene	19.500	202	28829	0.382	ng		99
30) Pyrene	19.867	202	29366	0.480	ng		100
32) Benzo(a)anthracene	21.614	228	20299	0.354	ng		99
33) Chrysene	21.668	228	24462	0.423	ng		99
34) Bis(2-ethylhexyl)phtha...	21.489	149	9620	0.233	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.837	276	17723	0.321	ng		96
37) Benzo(b)fluoranthene	23.370	252	20836	0.462	ng	#	92
38) Benzo(k)fluoranthene	23.426	252	20912	0.451	ng	#	92
39) Benzo(a)pyrene	24.048	252	17875	0.395	ng	#	88
40) Dibenzo(a,h)anthracene	26.875	278	13728	0.312	ng	#	92
41) Benzo(g,h,i)perylene	27.671	276	17545	0.371	ng		96

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

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