Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
Data File : BN027349.D
Acq On : 01 Sep 2023 17:20
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 130 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 02 01:54:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 09:08:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.059	152	5854	0.400	ng		0.00
7) Naphthalene-d8	10.885	136	17998	0.400	ng		0.00
13) Acenaphthene-d10	14.683	164	11034	0.400	ng		0.00
19) Phenanthrene-d10	17.430	188	25152	0.400	ng		0.00
29) Chrysene-d12	21.614	240	20060	0.400	ng		0.00
35) Perylene-d12	24.142	264	17640	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.582	112	6030	0.395	ng		0.00
5) Phenol-d6	7.199	99	7546	0.407	ng		0.00
8) Nitrobenzene-d5	9.251	82	5254	0.401	ng		0.00
11) 2-Methylnaphthalene-d10	12.457	152	10578	0.400	ng		0.00
14) 2,4,6-Tribromophenol	16.177	330	1651	0.404	ng		0.00
15) 2-Fluorobiphenyl	13.315	172	16570	0.395	ng		0.00
27) Fluoranthene-d10	19.458	212	24537	0.392	ng		0.00
31) Terphenyl-d14	20.043	244	15921	0.395	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.451	88	2910	0.407	ng	#	94
3) n-Nitrosodimethylamine	3.798	42	3384	0.446	ng	#	91
6) bis(2-Chloroethyl)ether	7.488	93	7444	0.415	ng		99
9) Naphthalene	10.938	128	20005	0.408	ng		100
10) Hexachlorobutadiene	11.162	225	3643	0.398	ng	#	100
12) 2-Methylnaphthalene	12.528	142	14054	0.403	ng		99
16) Acenaphthylene	14.416	152	19891	0.396	ng		100
17) Acenaphthene	14.747	154	14217	0.424	ng		97
18) Fluorene	15.730	166	18582	0.416	ng		100
20) 4,6-Dinitro-2-methylph...	16.884	198	149	0.416	ng	#	63
21) 4-Bromophenyl-phenylether	16.624	248	5364	0.405	ng		98
22) Hexachlorobenzene	16.710	284	6550	0.416	ng		99
23) Atrazine	16.884	200	3783	0.381	ng		99
24) Pentachlorophenol	17.070	266	2237	0.370	ng		99
25) Phenanthrene	17.480	178	30357	0.411	ng		100
26) Anthracene	17.567	178	24795	0.395	ng		100
28) Fluoranthene	19.490	202	34311	0.394	ng		100
30) Pyrene	19.853	202	34438	0.432	ng		100
32) Benzo(a)anthracene	21.596	228	26279	0.382	ng		99
33) Chrysene	21.650	228	31776	0.420	ng		99
34) Bis(2-ethylhexyl)phtha...	21.471	149	12211	0.368	ng		96
36) Indeno(1,2,3-cd)pyrene	26.808	276	25231	0.352	ng		100
37) Benzo(b)fluoranthene	23.352	252	28031	0.411	ng		98
38) Benzo(k)fluoranthene	23.405	252	27723	0.395	ng		98
39) Benzo(a)pyrene	24.025	252	24545	0.385	ng		98
40) Dibenzo(a,h)anthracene	26.829	278	19660	0.350	ng		99
41) Benzo(g,h,i)perylene	27.630	276	23731	0.365	ng		100

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

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