Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
Data File : BN027229.D
Acq On : 28 Aug 2023 23:27
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN082923

Quant Time: Aug 29 05:38:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.073	152	4935	0.400	ng		0.00
7) Naphthalene-d8	10.895	136	13607	0.400	ng		0.00
13) Acenaphthene-d10	14.694	164	8437	0.400	ng		0.00
19) Phenanthrene-d10	17.443	188	19004	0.400	ng		0.00
29) Chrysene-d12	21.623	240	15983	0.400	ng		0.00
35) Perylene-d12	24.153	264	15728	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.589	112	4871	0.379	ng		0.00
5) Phenol-d6	7.206	99	5785	0.370	ng		0.00
8) Nitrobenzene-d5	9.262	82	3836	0.387	ng		0.00
11) 2-Methylnaphthalene-d10	12.472	152	8068	0.404	ng		0.00
14) 2,4,6-Tribromophenol	16.189	330	1067	0.342	ng		0.00
15) 2-Fluorobiphenyl	13.325	172	12621	0.393	ng		0.00
27) Fluoranthene-d10	19.467	212	18350	0.388	ng		0.00
31) Terphenyl-d14	20.052	244	12510	0.390	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.458	88	2424	0.402	ng		97
3) n-Nitrosodimethylamine	3.805	42	2569	0.402	ng		97
6) bis(2-Chloroethyl)ether	7.503	93	6024	0.398	ng		100
9) Naphthalene	10.949	128	14583	0.393	ng		100
10) Hexachlorobutadiene	11.184	225	2851	0.412	ng	#	99
12) 2-Methylnaphthalene	12.543	142	10538	0.399	ng		100
16) Acenaphthylene	14.427	152	14535	0.378	ng		100
17) Acenaphthene	14.758	154	10086	0.394	ng		99
18) Fluorene	15.742	166	13406	0.392	ng		100
20) 4,6-Dinitro-2-methylph...	16.897	198	112	0.414	ng		84
21) 4-Bromophenyl-phenylether	16.636	248	3909	0.390	ng		97
22) Hexachlorobenzene	16.710	284	5018	0.422	ng		99
23) Atrazine	16.897	200	2734	0.365	ng		99
24) Pentachlorophenol	17.083	266	1492	0.326	ng		98
25) Phenanthrene	17.492	178	21937	0.393	ng		100
26) Anthracene	17.579	178	17765	0.374	ng		100
28) Fluoranthene	19.500	202	25556	0.389	ng		100
30) Pyrene	19.862	202	26082	0.410	ng		100
32) Benzo(a)anthracene	21.605	228	20771	0.379	ng		99
33) Chrysene	21.659	228	24812	0.412	ng		99
34) Bis(2-ethylhexyl)phtha...	21.479	149	8758	0.331	ng		100
36) Indeno(1,2,3-cd)pyrene	26.823	276	24268	0.380	ng		100
37) Benzo(b)fluoranthene	23.364	252	23946	0.393	ng		99
38) Benzo(k)fluoranthene	23.417	252	23296	0.372	ng		99
39) Benzo(a)pyrene	24.036	252	21503	0.378	ng		100
40) Dibenzo(a,h)anthracene	26.852	278	19126	0.382	ng		99
41) Benzo(g,h,i)perylene	27.659	276	22286	0.384	ng		99

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

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