Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
Data File : BN027227.D
Acq On : 28 Aug 2023 22:13
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Aug 29 05:28:52 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 05:25:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.073	152	4393	0.400	ng		0.00
7) Naphthalene-d8	10.895	136	12983	0.400	ng		0.00
13) Acenaphthene-d10	14.694	164	7836	0.400	ng		0.00
19) Phenanthrene-d10	17.443	188	16680	0.400	ng		0.00
29) Chrysene-d12	21.623	240	15389	0.400	ng	#	0.00
35) Perylene-d12	24.148	264	13305	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.589	112	32025	2.586	ng		0.00
5) Phenol-d6	7.207	99	41160	2.692	ng		0.00
8) Nitrobenzene-d5	9.262	82	30350	2.767	ng		0.00
11) 2-Methylnaphthalene-d10	12.468	152	60146	2.915	ng		0.00
14) 2,4,6-Tribromophenol	16.189	330	9585	2.298	ng		0.00
15) 2-Fluorobiphenyl	13.325	172	96881	3.331	ng		0.00
27) Fluoranthene-d10	19.467	212	134503	3.144	ng		0.00
31) Terphenyl-d14	20.048	244	94081	2.926	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.458	88	15490	3.279	ng		96
3) n-Nitrosodimethylamine	3.798	42	18040	3.428	ng	#	95
6) bis(2-Chloroethyl)ether	7.503	93	41597	3.235	ng		100
9) Naphthalene	10.949	128	112773	3.302	ng		98
10) Hexachlorobutadiene	11.184	225	19484	2.789	ng	#	100
12) 2-Methylnaphthalene	12.543	142	79743	2.987	ng		98
16) Acenaphthylene	14.427	152	121911	3.260	ng		100
17) Acenaphthene	14.758	154	76664	3.319	ng		98
18) Fluorene	15.742	166	103397	3.334	ng		100
20) 4,6-Dinitro-2-methylph...	16.897	198	837	3.200	ng	#	1
21) 4-Bromophenyl-phenylether	16.623	248	30742	3.227	ng	#	76
22) Hexachlorobenzene	16.710	284	33923	3.335	ng		99
23) Atrazine	16.897	200	23088	2.724	ng		94
24) Pentachlorophenol	17.070	266	14008	2.728	ng		99
25) Phenanthrene	17.480	178	163121	3.402	ng		100
26) Anthracene	17.579	178	147984	3.308	ng		100
28) Fluoranthene	19.495	202	191238	3.367	ng		100
30) Pyrene	19.862	202	194077	3.277	ng		100
32) Benzo(a)anthracene	21.605	228	174324	3.138	ng		99
33) Chrysene	21.659	228	183895	3.280	ng		99
34) Bis(2-ethylhexyl)phtha...	21.479	149	77503	1.938	ng		98
36) Indeno(1,2,3-cd)pyrene	26.820	276	193843	3.558	ng		100
37) Benzo(b)fluoranthene	23.358	252	181216	4.070	ng	#	92
38) Benzo(k)fluoranthene	23.411	252	184151	4.022	ng	#	91
39) Benzo(a)pyrene	24.034	252	167426	3.754	ng	#	88
40) Dibenzo(a,h)anthracene	26.843	278	154264	3.556	ng		94
41) Benzo(g,h,i)perylene	27.647	276	169093	3.622	ng		96

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

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