Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081723\
Data File : BN026947.D
Acq On : 17 Aug 2023 18:04
Operator : MA/JU
Sample : 04024-13MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE114D1-20230815MSD

Quant Time: Aug 18 03:18:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 15:56:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.102	152	8337	0.400	ng		0.00
7) Naphthalene-d8	10.928	136	20787	0.400	ng		#-0.01
13) Acenaphthene-d10	14.726	164	14486	0.400	ng		0.00
19) Phenanthrene-d10	17.480	188	31782	0.400	ng		# 0.00
29) Chrysene-d12	21.650	240	21228	0.400	ng		0.00
35) Perylene-d12	24.195	264	19423	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.618	112	3447	0.147	ng		0.00
5) Phenol-d6	7.236	99	2594	0.089	ng		0.00
8) Nitrobenzene-d5	9.294	82	5633	0.321	ng		0.00
11) 2-Methylnaphthalene-d10	12.502	152	12684m	0.384	ng		0.00
14) 2,4,6-Tribromophenol	16.214	330	2179	0.283	ng		0.00
15) 2-Fluorobiphenyl	13.358	172	17827	0.332	ng		0.00
27) Fluoranthene-d10	19.495	212	32013	0.393	ng		0.00
31) Terphenyl-d14	20.081	244	26025	0.587	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.480	88	32868	3.666	ng		95
3) n-Nitrosodimethylamine	3.820	42	1357	0.136	ng	#	96
6) bis(2-Chloroethyl)ether	7.532	93	9698	0.397	ng		98
9) Naphthalene	10.981	128	19203	0.351	ng		100
10) Hexachlorobutadiene	11.216	225	4014	0.359	ng	#	100
12) 2-Methylnaphthalene	12.578	142	14574	0.341	ng		99
16) Acenaphthylene	14.459	152	23396	0.338	ng		100
17) Acenaphthene	14.790	154	15084	0.353	ng		99
18) Fluorene	15.767	166	20758	0.362	ng		99
20) 4,6-Dinitro-2-methylph...	16.922	198	192	0.385	ng	#	70
21) 4-Bromophenyl-phenylether	16.661	248	6404	0.353	ng	#	85
22) Hexachlorobenzene	16.748	284	7922	0.409	ng		99
23) Atrazine	16.922	200	5587	0.346	ng	#	93
24) Pentachlorophenol	17.095	266	6348	0.649	ng		99
25) Phenanthrene	17.517	178	36903	0.404	ng		100
26) Anthracene	17.604	178	30224	0.355	ng		99
28) Fluoranthene	19.523	202	44818	0.414	ng		100
30) Pyrene	19.890	202	46711	0.572	ng		100
32) Benzo(a)anthracene	21.632	228	33649	0.439	ng		100
33) Chrysene	21.686	228	35135	0.454	ng		100
34) Bis(2-ethylhexyl)phtha...	21.524	149	25478	0.462	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.890	276	28497	0.358	ng		99
37) Benzo(b)fluoranthene	23.405	252	32950	0.507	ng		96
38) Benzo(k)fluoranthene	23.458	252	29928	0.448	ng	#	95
39) Benzo(a)pyrene	24.083	252	25313	0.389	ng	#	93
40) Dibenzo(a,h)anthracene	26.919	278	21886	0.346	ng		95
41) Benzo(g,h,i)perylene	27.732	276	25941	0.381	ng		98

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

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