Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
Data File : BN033578.D
Acq On : 23 Aug 2024 07:06
Operator : MA/JU
Sample : P3660-07MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/23/2024
Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 23 07:30:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 00:22:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.545	152	7068	0.400	ng		0.00
7) Naphthalene-d8	10.304	136	18030	0.400	ng		0.00
13) Acenaphthene-d10	14.178	164	8743	0.400	ng		0.00
19) Phenanthrene-d10	16.929	188	17410	0.400	ng		0.00
29) Chrysene-d12	21.139	240	16497	0.400	ng		0.00
35) Perylene-d12	23.303	264	17708	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	4873	0.217	ng		0.00
5) Phenol-d6	6.729	99	6077	0.227	ng		0.00
8) Nitrobenzene-d5	8.681	82	4066	0.272	ng		0.00
11) 2-Methylnaphthalene-d10	11.903	152	6055	0.235	ng		0.00
14) 2,4,6-Tribromophenol	15.676	330	963	0.205	ng		0.00
15) 2-Fluorobiphenyl	12.799	172	7196	0.202	ng		0.00
27) Fluoranthene-d10	18.970	212	7343	0.175	ng		0.00
31) Terphenyl-d14	19.583	244	4539	0.121	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.183	88	3045	0.374	ng	#	38
3) n-Nitrosodimethylamine	3.464	42	3825	0.404	ng	#	92
6) bis(2-Chloroethyl)ether	6.989	93	18639	0.984	ng	#	55
9) Naphthalene	10.357	128	21626	0.449	ng		99
10) Hexachlorobutadiene	10.656	225	3726	0.388	ng	#	100
12) 2-Methylnaphthalene	11.975	142	13142	0.431	ng		99
16) Acenaphthylene	13.889	152	19066	0.497	ng		100
17) Acenaphthene	14.242	154	18153	0.673	ng		98
18) Fluorene	15.236	166	20241	0.595	ng		98
20) 4,6-Dinitro-2-methylph...	15.311	198	675	0.248	ng	#	64
21) 4-Bromophenyl-phenylether	16.135	248	4092	0.387	ng		99
22) Hexachlorobenzene	16.247	284	4569	0.391	ng		97
23) Atrazine	16.408	200	3481	0.412	ng		96
24) Pentachlorophenol	16.582	266	4216	0.833	ng		98
25) Phenanthrene	16.966	178	205603	4.245	ng		97
26) Anthracene	17.066	178	44778	1.045	ng	#	96
28) Fluoranthene	19.003	202	505270	9.440	ng		100
30) Pyrene	19.365	202	437726	5.945	ng	#	95
32) Benzo(a)anthracene	21.121	228	222278	3.727	ng		98
33) Chrysene	21.175	228	271623	4.582	ng		98
34) Bis(2-ethylhexyl)phtha...	21.086	149	22072m	0.585	ng		
36) Indeno(1,2,3-cd)pyrene	25.449	276	211313	2.874	ng		94
37) Benzo(b)fluoranthene	22.662	252	378250	5.720	ng	#	93
38) Benzo(k)fluoranthene	22.700	252	160531m	2.466	ng		
39) Benzo(a)pyrene	23.206	252	244631m	4.471	ng		
40) Dibenzo(a,h)anthracene	25.466	278	62041	1.055	ng		97
41) Benzo(g,h,i)perylene	26.104	276	207446	3.300	ng		98

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

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