Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032423\
Data File : BN024546.D
Acq On : 24 Mar 2023 15:04
Operator : CG/JU
Sample : PB151518BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB151518BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

Quant Time: Mar 25 00:25:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 25 00:22:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.018	152	8971	0.400	ng		0.00
7) Naphthalene-d8	10.834	136	25664	0.400	ng		# 0.00
13) Acenaphthene-d10	14.650	164	12986	0.400	ng		0.00
19) Phenanthrene-d10	17.397	188	27469	0.400	ng		# 0.00
29) Chrysene-d12	21.592	240	17132	0.400	ng		0.00
35) Perylene-d12	24.094	264	13391	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.570	112	9238	0.465	ng		0.00
5) Phenol-d6	7.173	99	11301	0.443	ng		0.00
8) Nitrobenzene-d5	9.179	82	9348	0.545	ng		-0.01
11) 2-Methylnaphthalene-d10	12.418	152	14628	0.464	ng		0.00
14) 2,4,6-Tribromophenol	16.143	330	2462	0.371	ng		0.00
15) 2-Fluorobiphenyl	13.282	172	23632	0.482	ng		0.00
27) Fluoranthene-d10	19.429	212	26297	0.452	ng		0.00
31) Terphenyl-d14	20.016	244	14686	0.508	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.425	88	4377	0.448	ng		97
3) n-Nitrosodimethylamine	3.757	42	6756	0.472	ng	#	96
6) bis(2-Chloroethyl)ether	7.440	93	11313	0.447	ng		97
9) Naphthalene	10.887	128	30658	0.470	ng		99
10) Hexachlorobutadiene	11.176	225	6081	0.491	ng	#	99
12) 2-Methylnaphthalene	12.490	142	20004	0.454	ng		99
16) Acenaphthylene	14.372	152	26569	0.431	ng		100
17) Acenaphthene	14.714	154	17665	0.451	ng		98
18) Fluorene	15.698	166	20858	0.445	ng		100
20) 4,6-Dinitro-2-methylph...	15.783	198	778	0.330	ng		89
21) 4-Bromophenyl-phenylether	16.590	248	7100	0.435	ng	#	92
22) Hexachlorobenzene	16.702	284	9067	0.452	ng		98
23) Atrazine	16.850	200	4261	0.411	ng	#	93
24) Pentachlorophenol	17.049	266	2631	0.344	ng		98
25) Phenanthrene	17.446	178	36210	0.445	ng		100
26) Anthracene	17.533	178	30790	0.410	ng		100
28) Fluoranthene	19.459	202	38551	0.433	ng		99
30) Pyrene	19.821	202	38462	0.554	ng		100
32) Benzo(a)anthracene	21.574	228	25964	0.454	ng		99
33) Chrysene	21.628	228	29917	0.490	ng		99
34) Bis(2-ethylhexyl)phtha...	21.494	149	14021	0.521	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.705	276	21445	0.428	ng		96
37) Benzo(b)fluoranthene	23.322	252	23692	0.455	ng		95
38) Benzo(k)fluoranthene	23.378	252	24752m	0.461	ng		
39) Benzo(a)pyrene	23.977	252	20432	0.428	ng		94
40) Dibenzo(a,h)anthracene	26.728	278	16020	0.412	ng		96
41) Benzo(g,h,i)perylene	27.512	276	20531	0.453	ng		98

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

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