Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
Data File : BN022948.D
Acq On : 29 Nov 2022 12:09
Operator : CG/JU
Sample : PB149182BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB149182BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

Quant Time: Nov 30 00:21:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 05:14:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.064	152	7041	0.400	ng		0.00
7) Naphthalene-d8	10.883	136	18695	0.400	ng		0.00
13) Acenaphthene-d10	14.698	164	9414	0.400	ng		0.00
19) Phenanthrene-d10	17.452	188	18028	0.400	ng	#	0.00
29) Chrysene-d12	21.634	240	10232	0.400	ng		0.00
35) Perylene-d12	24.118	264	7052	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.601	112	6708	0.367	ng		0.00
5) Phenol-d6	7.212	99	8454	0.363	ng		0.00
8) Nitrobenzene-d5	9.228	82	5788	0.399	ng		0.00
11) 2-Methylnaphthalene-d10	12.465	152	13183	0.325	ng		0.00
14) 2,4,6-Tribromophenol	16.186	330	1344	0.296	ng		0.00
15) 2-Fluorobiphenyl	13.330	172	19065	0.443	ng		0.00
27) Fluoranthene-d10	19.473	212	17124	0.350	ng		0.00
31) Terphenyl-d14	20.067	244	9377	0.390	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.442	88	3692	0.413	ng		99
3) n-Nitrosodimethylamine	3.774	42	3463	0.360	ng	#	97
6) bis(2-Chloroethyl)ether	7.479	93	9238	0.422	ng		99
9) Naphthalene	10.936	128	23582	0.410	ng		99
10) Hexachlorobutadiene	11.224	225	5071	0.429	ng	#	99
12) 2-Methylnaphthalene	12.151	142	3586	0.305	ng	#	97
16) Acenaphthylene	14.420	152	17788m	0.357	ng		
17) Acenaphthene	14.762	154	13300	0.406	ng		98
18) Fluorene	15.739	166	16252	0.387	ng		95
20) 4,6-Dinitro-2-methylph...	15.813	198	614	0.305	ng	#	76
21) 4-Bromophenyl-phenylether	16.633	248	5245	0.403	ng		98
22) Hexachlorobenzene	16.757	284	6968	0.439	ng		99
23) Atrazine	16.906	200	2975	0.324	ng	#	88
24) Pentachlorophenol	17.092	266	1223	0.281	ng		99
25) Phenanthrene	17.489	178	25501	0.407	ng		100
26) Anthracene	17.576	178	19952	0.367	ng		99
28) Fluoranthene	19.503	202	23490	0.352	ng		99
30) Pyrene	19.865	202	22661	0.425	ng		100
32) Benzo(a)anthracene	21.616	228	15622	0.378	ng		100
33) Chrysene	21.670	228	18309	0.427	ng		100
34) Bis(2-ethylhexyl)phtha...	21.536	149	5949	0.358	ng		99
36) Indeno(1,2,3-cd)pyrene	26.728	276	14041	0.480	ng		98
37) Benzo(b)fluoranthene	23.357	252	14000	0.445	ng	#	95
38) Benzo(k)fluoranthene	23.407	252	14388	0.422	ng	#	95
39) Benzo(a)pyrene	24.007	252	9539	0.397	ng	#	90
40) Dibenzo(a,h)anthracene	26.749	278	11512	0.495	ng		95
41) Benzo(g,h,i)perylene	27.530	276	12612	0.504	ng		97

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

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