Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032423\
Data File : BN024544.D
Acq On : 24 Mar 2023 13:51
Operator : CG/JU
Sample : 01941-15MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE126D1-20230314MSD

Manual Integrations APPROVED

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

Quant Time: Mar 25 00:25:06 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	9211	0.400	ng		0.00
7) Naphthalene-d8	10.834	136	26238	0.400	ng		0.00
13) Acenaphthene-d10	14.654	164	13207	0.400	ng		0.00
19) Phenanthrene-d10	17.400	188	28866	0.400	ng		0.00
29) Chrysene-d12	21.583	240	19995	0.400	ng		0.00
35) Perylene-d12	24.079	264	16351	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.570	112	3348	0.164	ng		0.00
5) Phenol-d6	7.180	99	2492	0.095	ng		0.00
8) Nitrobenzene-d5	9.179	82	7605	0.434	ng		-0.01
11) 2-Methylnaphthalene-d10	12.417	152	17416m	0.540	ng		0.00
14) 2,4,6-Tribromophenol	16.146	330	2503	0.371	ng		0.00
15) 2-Fluorobiphenyl	13.285	172	18758	0.376	ng		0.00
27) Fluoranthene-d10	19.429	212	30731	0.502	ng		0.00
31) Terphenyl-d14	20.015	244	19092	0.566	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.425	88	34699	3.462	ng		98
3) n-Nitrosodimethylamine	3.757	42	2166	0.147	ng		98
6) bis(2-Chloroethyl)ether	7.440	93	9265	0.356	ng		97
9) Naphthalene	10.887	128	24728	0.371	ng		99
10) Hexachlorobutadiene	11.175	225	4421	0.349	ng	#	98
12) 2-Methylnaphthalene	12.489	142	15471	0.343	ng		98
16) Acenaphthylene	14.376	152	21212	0.339	ng		99
17) Acenaphthene	14.718	154	14298	0.359	ng		98
18) Fluorene	15.701	166	17956	0.377	ng		99
20) 4,6-Dinitro-2-methylph...	15.774	198	816	0.330	ng	#	79
21) 4-Bromophenyl-phenylether	16.593	248	6165	0.359	ng		99
22) Hexachlorobenzene	16.705	284	7982	0.379	ng		98
23) Atrazine	16.854	200	4925	0.452	ng		97
24) Pentachlorophenol	17.052	266	5396	0.550	ng		98
25) Phenanthrene	17.437	178	34142	0.399	ng		100
26) Anthracene	17.537	178	29380	0.372	ng		99
28) Fluoranthene	19.458	202	41012	0.438	ng		99
30) Pyrene	19.821	202	42778	0.528	ng		99
32) Benzo(a)anthracene	21.565	228	31581	0.473	ng		99
33) Chrysene	21.618	228	33768	0.474	ng		99
34) Bis(2-ethylhexyl)phtha...	21.484	149	21849	0.695	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.690	276	25011	0.409	ng		96
37) Benzo(b)fluoranthene	23.313	252	29451	0.463	ng		96
38) Benzo(k)fluoranthene	23.368	252	29349m	0.447	ng		
39) Benzo(a)pyrene	23.968	252	23249	0.399	ng		93
40) Dibenzo(a,h)anthracene	26.710	278	19253	0.406	ng		97
41) Benzo(g,h,i)perylene	27.502	276	22872	0.413	ng		97

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

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