Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110322\
Data File : BN022486.D
Acq On : 03 Nov 2022 20:30
Operator : CG/JU
Sample : N5395-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-1-103122MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022

Quant Time: Nov 04 04:08:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 03:28:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	1988	0.400	ng	0.00
7) Naphthalene-d8	10.752	136	6895	0.400	ng	0.00
13) Acenaphthene-d10	14.600	164	4438	0.400	ng	0.00
19) Phenanthrene-d10	17.350	188	8927	0.400	ng	# 0.00
29) Chrysene-d12	21.555	240	7658	0.400	ng	# 0.00
35) Perylene-d12	24.005	264	7725	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.458	112	2113	0.376	ng	0.00
5) Phenol-d6	7.083	99	2988	0.422	ng	0.00
8) Nitrobenzene-d5	9.097	82	1547	0.248	ng	-0.01
11) 2-Methylnaphthalene-d10	12.346	152	2843	0.246	ng	0.00
14) 2,4,6-Tribromophenol	16.096	330	532	0.228	ng	0.00
15) 2-Fluorobiphenyl	13.221	172	4116	0.223	ng	0.00
27) Fluoranthene-d10	19.390	212	5240	0.215	ng	0.00
31) Terphenyl-d14	19.989	244	5012	0.210	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	1302	0.436	ng	# 84
3) n-Nitrosodimethylamine	3.609	42	1589	0.512	ng	# 97
6) bis(2-Chloroethyl)ether	7.343	93	2552	0.403	ng	99
9) Naphthalene	10.795	128	12056	0.577	ng	99
10) Hexachlorobutadiene	11.072	225	1236	0.343	ng	# 100
12) 2-Methylnaphthalene	12.058	142	1834	0.369	ng	97
16) Acenaphthylene	14.311	152	43561	1.934	ng	100
17) Acenaphthene	14.653	154	10638	0.733	ng	99
18) Fluorene	15.647	166	69234	3.403	ng	100
20) 4,6-Dinitro-2-methylph...	15.749	198	461	0.436	ng	# 73
21) 4-Bromophenyl-phenylether	16.543	248	2053	0.372	ng	91
22) Hexachlorobenzene	16.655	284	2189	0.347	ng	97
23) Atrazine	16.816	200	1804	0.363	ng	96
24) Pentachlorophenol	17.015	266	406	0.296	ng	96
25) Phenanthrene	17.387	178	525713	17.619	ng	100
26) Anthracene	17.486	178	195001	7.428	ng	100
28) Fluoranthene	19.424	202	506727	15.759	ng	99
30) Pyrene	19.786	202	356421	10.780	ng	99
32) Benzo(a)anthracene	21.537	228	183769	5.968	ng	98
33) Chrysene	21.591	228	148903	4.882	ng	98
34) Bis(2-ethylhexyl)phtha...	21.457	149	10331	0.398	ng	99
36) Indeno(1,2,3-cd)pyrene	26.575	276	83321	2.240	ng	95
37) Benzo(b)fluoranthene	23.257	252	159631	5.255	ng	# 90
38) Benzo(k)fluoranthene	23.301	252	72238m	2.332	ng	
39) Benzo(a)pyrene	23.897	252	141667m	5.445	ng	
40) Dibenzo(a,h)anthracene	26.590	278	26708	0.903	ng	99
41) Benzo(g,h,i)perylene	27.367	276	70116	2.231	ng	96

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

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