Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN123021\
Data File : BN018295.D
Acq On : 30 Dec 2021 14:19
Operator : CG/JU
Sample : M5221-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 31 08:21:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PW-B6-L10-122221MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/03/2022
Supervised By :mohammad ahmed 01/06/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	31866	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	126594	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	72307	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	126146	0.400	ng	# 0.00
29) Chrysene-d12	21.196	240	67493	0.400	ng	0.00
35) Perylene-d12	23.426	264	57885	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	9184	0.144	ng	0.03
5) Phenol-d6	6.849	99	3985	0.065	ng	0.02
8) Nitrobenzene-d5	8.784	82	29028	0.446	ng	0.00
11) 2-Methylnaphthalene-d10	12.012	152	81018	0.380	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	6805	0.481	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	103643	0.379	ng	0.00
27) Fluoranthene-d10	19.038	212	161620	0.403	ng	0.00
31) Terphenyl-d14	19.644	244	95894	0.559	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.207	88	5405m	0.297	ng	
3) n-Nitrosodimethylamine	3.530	42	5700	0.218	ng	# 90
6) bis(2-Chloroethyl)ether	7.080	93	30497	0.402	ng	99
9) Naphthalene	10.470	128	117995	0.377	ng	100
10) Hexachlorobutadiene	10.761	225	30737	0.353	ng	# 100
12) 2-Methylnaphthalene	12.083	142	79113	0.394	ng	99
16) Acenaphthylene	13.977	152	113898	0.448	ng	100
17) Acenaphthene	14.319	154	74018	0.396	ng	99
18) Fluorene	15.309	166	89761	0.408	ng	100
20) 4,6-Dinitro-2-methylph...	15.423	198	824	0.506	ng	# 83
21) 4-Bromophenyl-phenylether	16.202	248	35739	0.466	ng	98
22) Hexachlorobenzene	16.324	284	45296	0.464	ng	99
23) Atrazine	16.482	200	20744	0.461	ng	97
24) Pentachlorophenol	16.677	266	10309	0.922	ng	99
25) Phenanthrene	17.042	178	148677	0.447	ng	99
26) Anthracene	17.139	178	118966	0.430	ng	98
28) Fluoranthene	19.068	202	183429	0.471	ng	100
30) Pyrene	19.430	202	191343	0.723	ng	100
32) Benzo(a)anthracene	21.185	228	77245	0.410	ng	99
33) Chrysene	21.227	228	97426	0.448	ng	99
34) Bis(2-ethylhexyl)phtha...	21.132	149	113835	1.351	ng	100
36) Indeno(1,2,3-cd)pyrene	25.692	276	61944	0.448	ng	99
37) Benzo(b)fluoranthene	22.755	252	78929	0.429	ng	96
38) Benzo(k)fluoranthene	22.800	252	68707	0.395	ng	97
39) Benzo(a)pyrene	23.327	252	70491	0.440	ng	95
40) Dibenzo(a,h)anthracene	25.716	278	43605m	0.442	ng	
41) Benzo(g,h,i)perylene	26.380	276	69698	0.505	ng	99

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

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