Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
Data File : BN028353.D
Acq On : 23 Oct 2023 20:13
Operator : MA/JU
Sample : PB156555BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 24 03:20:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:14:08 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB156555BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.886	152	3630	0.400	ng	0.00
7) Naphthalene-d8	10.703	136	11365	0.400	ng	0.00
13) Acenaphthene-d10	14.523	164	6414	0.400	ng	-0.01
19) Phenanthrene-d10	17.294	188	15063	0.400	ng	0.00
29) Chrysene-d12	21.489	240	12087	0.400	ng	0.00
35) Perylene-d12	23.940	264	10572	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.437	112	2306	0.205	ng	0.00
5) Phenol-d6	7.069	99	2970	0.214	ng	0.01
8) Nitrobenzene-d5	9.102	82	2216	0.220	ng	0.00
11) 2-Methylnaphthalene-d10	12.294	152	7278	0.426	ng	0.00
14) 2,4,6-Tribromophenol	16.053	330	557	0.178	ng	-0.01
15) 2-Fluorobiphenyl	13.155	172	5886	0.261	ng	-0.01
27) Fluoranthene-d10	19.323	212	9363	0.232	ng	0.00
31) Terphenyl-d14	19.918	244	7558	0.295	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	1824	0.416	ng	# 87
3) n-Nitrosodimethylamine	3.661	42	2648	0.553	ng	# 92
6) bis(2-Chloroethyl)ether	7.329	93	5774	0.540	ng	91
9) Naphthalene	10.746	128	15325	0.520	ng	99
10) Hexachlorobutadiene	10.960	225	2564	0.507	ng	# 100
12) 2-Methylnaphthalene	12.366	142	9620	0.459	ng	98
16) Acenaphthylene	14.256	152	13710	0.476	ng	99
17) Acenaphthene	14.587	154	9386	0.517	ng	98
18) Fluorene	15.581	166	12764	0.534	ng	100
20) 4,6-Dinitro-2-methylph...	15.767	198	537	0.654	ng	96
21) 4-Bromophenyl-phenylether	16.475	248	3693	0.476	ng	# 88
22) Hexachlorobenzene	16.562	284	3900	0.488	ng	96
23) Atrazine	16.760	200	3369	0.463	ng	97
24) Pentachlorophenol	16.959	266	2436m	0.668	ng	
25) Phenanthrene	17.331	178	20849	0.506	ng	100
26) Anthracene	17.430	178	18008	0.457	ng	100
28) Fluoranthene	19.356	202	23483	0.453	ng	98
30) Pyrene	19.723	202	24022	0.581	ng	100
32) Benzo(a)anthracene	21.471	228	21260	0.495	ng	98
33) Chrysene	21.524	228	21082	0.513	ng	99
34) Bis(2-ethylhexyl)phtha...	21.336	149	9589	0.292	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.510	276	19985	0.469	ng	99
37) Benzo(b)fluoranthene	23.180	252	19844	0.601	ng	# 95
38) Benzo(k)fluoranthene	23.230	252	19202	0.571	ng	# 95
39) Benzo(a)pyrene	23.832	252	15801	0.481	ng	97
40) Dibenzo(a,h)anthracene	26.522	278	16457	0.476	ng	96
41) Benzo(g,h,i)perylene	27.308	276	17128	0.479	ng	97

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

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