Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060723\
Data File : BM040144.D
Acq On : 07 Jun 2023 16:45
Operator : MA/JU
Sample : 03036-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023

Quant Time: Jun 07 17:17:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 06 16:45:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	228626	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1066500	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	650748	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1406087	20.000	ng	0.00
76) Chrysene-d12	21.550	240	1486939	20.000	ng	0.00
86) Perylene-d12	23.986	264	1298090	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	2501376	167.826	ng	0.00
7) Phenol-d6	7.151	99	3168378	162.961	ng	0.00
23) Nitrobenzene-d5	9.163	82	1955945	98.962	ng	0.00
42) 2,4,6-Tribromophenol	16.121	330	1715572	203.118	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	4939157	89.523	ng	0.00
79) Terphenyl-d14	19.992	244	9419331	98.359	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	260917	43.348	ng	# 70
3) Pyridine	3.816	79	769112	46.540	ng	99
4) n-Nitrosodimethylamine	3.722	42	345256	49.177	ng	99
6) Aniline	7.316	93	802160	33.343	ng	100
8) 2-Chlorophenol	7.551	128	902453	57.522	ng	99
9) Benzaldehyde	7.122	77	173081	18.415	ng	98
10) Phenol	7.181	94	1147515	58.880	ng	99
11) bis(2-Chloroethyl)ether	7.410	93	851068	53.019	ng	99
12) 1,3-Dichlorobenzene	7.881	146	820170	49.367	ng	99
13) 1,4-Dichlorobenzene	8.028	146	846637	50.086	ng	100
14) 1,2-Dichlorobenzene	8.345	146	829521	50.046	ng	99
15) Benzyl Alcohol	8.234	79	811990	64.789	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.528	45	1113209	54.062	ng	99
17) 2-Methylphenol	8.434	107	814323	58.402	ng	100
18) Hexachloroethane	9.081	117	305917	49.919	ng	94
19) n-Nitroso-di-n-propyla...	8.804	70	699073	62.079	ng	98
20) 3+4-Methylphenols	8.769	107	1110982	60.381	ng	98
22) Acetophenone	8.822	105	1463348	50.835	ng	99
24) Nitrobenzene	9.204	77	1000810	49.920	ng	99
25) Isophorone	9.734	82	1965070	54.519	ng	100
26) 2-Nitrophenol	9.916	139	433854	61.156	ng	99
27) 2,4-Dimethylphenol	9.975	122	957926	59.285	ng	99
28) bis(2-Chloroethoxy)met...	10.216	93	1233775	52.210	ng	100
29) 2,4-Dichlorophenol	10.451	162	878678	57.397	ng	99
30) 1,2,4-Trichlorobenzene	10.669	180	753780	44.975	ng	98
31) Naphthalene	10.857	128	2839461	48.254	ng	100
32) Benzoic acid	10.116	122	549140	50.035	ng	98
33) 4-Chloroaniline	10.969	127	212064	8.552	ng	98
34) Hexachlorobutadiene	11.145	225	372365	39.583	ng	99
35) Caprolactam	11.757	113	256132m	59.250	ng	
36) 4-Chloro-3-methylphenol	12.086	107	1035503	65.441	ng	96
37) 2-Methylnaphthalene	12.463	142	2016923	51.422	ng	100
38) 1-Methylnaphthalene	12.680	142	1906554	51.928	ng	99
40) 1,2,4,5-Tetrachloroben...	12.827	216	893662	43.419	ng	98
41) Hexachlorocyclopentadiene	12.810	237	1132936	106.405	ng	100
43) 2,4,6-Trichlorophenol	13.063	196	652688	52.246	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060723\
Data File : BM040144.D
Acq On : 07 Jun 2023 16:45
Operator : MA/JU
Sample : 03036-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023

Quant Time: Jun 07 17:17:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 06 16:45:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	751576	50.545	ng	99
46) 1,1'-Biphenyl	13.469	154	2771491	49.745	ng	100
47) 2-Chloronaphthalene	13.510	162	2072231	49.828	ng	99
48) 2-Nitroaniline	13.716	65	673425	59.216	ng	99
49) Acenaphthylene	14.357	152	3456903	53.098	ng	100
50) Dimethylphthalate	14.092	163	2667408	54.375	ng	100
51) 2,6-Dinitrotoluene	14.210	165	552580	58.883	ng	100
52) Acenaphthene	14.698	154	2570516m	60.428	ng	
53) 3-Nitroaniline	14.533	138	369030	33.241	ng	95
54) 2,4-Dinitrophenol	14.739	184	681992	125.501	ng	96
55) Dibenzofuran	15.027	168	3393332	54.037	ng	99
56) 4-Nitrophenol	14.839	139	1221337	142.221	ng	99
57) 2,4-Dinitrotoluene	14.992	165	799596	58.304	ng	98
58) Fluorene	15.674	166	3006824	57.600	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.251	232	657411	59.451	ng	96
60) Diethylphthalate	15.451	149	2888037	59.561	ng	99
61) 4-Chlorophenyl-phenyle...	15.668	204	1381154	54.078	ng	99
62) 4-Nitroaniline	15.704	138	735793	63.641	ng	98
63) Azobenzene	15.963	77	2916329	60.326	ng	100
65) 4,6-Dinitro-2-methylph...	15.751	198	418697	53.040	ng	96
66) n-Nitrosodiphenylamine	15.886	169	2401850	49.672	ng	100
67) 4-Bromophenyl-phenylether	16.563	248	732469	47.145	ng	100
68) Hexachlorobenzene	16.680	284	889896	50.121	ng	96
69) Atrazine	16.833	200	526768	43.797	ng	98
70) Pentachlorophenol	17.021	266	1297628	111.333	ng	98
71) Phenanthrene	17.415	178	4429246	52.664	ng	99
72) Anthracene	17.509	178	4489831	53.880	ng	99
73) Carbazole	17.774	167	4373435	58.091	ng	100
74) Di-n-butylphthalate	18.339	149	5060655	52.229	ng	100
75) Fluoranthene	19.427	202	4852216	57.885	ng	99
77) Benzidine	19.609	184	455115	19.710	ng	100
78) Pyrene	19.792	202	5244059	48.062	ng	100
80) Butylbenzylphthalate	20.680	149	2280904	50.548	ng	95
81) Benzo(a)anthracene	21.533	228	5441073	51.690	ng	99
82) 3,3'-Dichlorobenzidine	21.462	252	836534	26.604	ng	99
83) Chrysene	21.592	228	4995567	49.462	ng	99
84) Bis(2-ethylhexyl)phtha...	21.456	149	3500988	48.893	ng	99
85) Di-n-octyl phthalate	22.392	149	5657595	51.046	ng	99
87) Indeno(1,2,3-cd)pyrene	26.538	276	4890186	47.372	ng	99
88) Benzo(b)fluoranthene	23.244	252	4853181	58.395	ng	99
89) Benzo(k)fluoranthene	23.297	252	5136366	56.520	ng	99
90) Benzo(a)pyrene	23.880	252	3940037	49.434	ng	98
91) Dibenzo(a,h)anthracene	26.550	278	4301847	48.269	ng	99
92) Benzo(g,h,i)perylene	27.315	276	3462101	43.954	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060723\
Data File : BM040144.D
Acq On : 07 Jun 2023 16:45
Operator : MA/JU
Sample : 03036-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 07 17:17:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 06 16:45:42 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023