Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100322\
Data File : BM036820.D
Acq On : 03 Oct 2022 16:28
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022

Quant Time: Oct 04 02:38:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 02:16:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	442485	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	1847444	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	1081326	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	1988978	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1516218	20.000	ng	0.00
86) Perylene-d12	23.927	264	1355338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	3138275	124.321	ng	0.00
7) Phenol-d6	7.145	99	4383163	120.613	ng	0.00
23) Nitrobenzene-d5	9.151	82	4414816	124.958	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	1110627	107.509	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	8439948	118.562	ng	0.00
79) Terphenyl-d14	19.956	244	9261083	135.325	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	623372	58.878	ng	98
3) Pyridine	3.810	79	2037243m	62.374	ng	
4) n-Nitrosodimethylamine	3.722	42	846429	65.152	ng	93
6) Aniline	7.310	93	2748201	60.570	ng	100
8) 2-Chlorophenol	7.540	128	1829935	60.392	ng	99
9) Benzaldehyde	7.116	77	1227543	55.726	ng	98
10) Phenol	7.169	94	2482966	60.479	ng	99
11) bis(2-Chloroethyl)ether	7.404	93	1977986	60.449	ng	98
12) 1,3-Dichlorobenzene	7.863	146	1949741	60.008	ng	99
13) 1,4-Dichlorobenzene	8.010	146	1996878	59.605	ng	99
14) 1,2-Dichlorobenzene	8.334	146	1897658	58.625	ng	100
15) Benzyl Alcohol	8.222	79	1705625	60.568	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.516	45	2755852	64.456	ng	99
17) 2-Methylphenol	8.422	107	1607454	59.461	ng	99
18) Hexachloroethane	9.057	117	751498	61.946	ng	98
19) n-Nitroso-di-n-propyla...	8.798	70	1595492	59.374	ng	98
20) 3+4-Methylphenols	8.757	107	2230080	58.811	ng	99
22) Acetophenone	8.810	105	2871069	60.328	ng	99
24) Nitrobenzene	9.192	77	2282551	62.203	ng	98
25) Isophorone	9.722	82	4090445	62.176	ng	99
27) 2,4-Dimethylphenol	9.957	122	1519318	61.864	ng	99
28) bis(2-Chloroethoxy)met...	10.198	93	2370295	60.172	ng	100
29) 2,4-Dichlorophenol	10.433	162	1644010	61.625	ng	100
30) 1,2,4-Trichlorobenzene	10.645	180	1693332	60.178	ng	100
31) Naphthalene	10.839	128	6098084	60.848	ng	99
32) Benzoic acid	10.145	122	1278662	62.208	ng	99
33) 4-Chloroaniline	10.951	127	2508235	60.201	ng	99
34) Hexachlorobutadiene	11.116	225	925255	58.722	ng	99
35) Caprolactam	11.780	113	552350	57.298	ng	96
36) 4-Chloro-3-methylphenol	12.069	107	1888066	59.134	ng	97
37) 2-Methylnaphthalene	12.439	142	4164609	60.181	ng	99
38) 1-Methylnaphthalene	12.657	142	4042067	59.375	ng	100
40) 1,2,4,5-Tetrachloroben...	12.804	216	1678508	62.044	ng	99
41) Hexachlorocyclopentadiene	12.780	237	870061	66.669	ng	100
43) 2,4,6-Trichlorophenol	13.045	196	1224427	63.214	ng	99
44) 2,4,5-Trichlorophenol	13.116	196	1342421	61.376	ng	99

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46) 1,1'-Biphenyl	13.445	154	4889283	62.372	ng	99
47) 2-Chloronaphthalene	13.486	162	3795753	62.373	ng	100
48) 2-Nitroaniline	13.692	65	1308892	64.219	ng	98
49) Acenaphthylene	14.327	152	6199936	62.722	ng	99
50) Dimethylphthalate	14.074	163	4714985	58.810	ng	100
51) 2,6-Dinitrotoluene	14.186	165	1006840	61.595	ng	98
52) Acenaphthene	14.669	154	3757455	60.857	ng	99
53) 3-Nitroaniline	14.516	138	1216457	62.421	ng	99
54) 2,4-Dinitrophenol	14.716	184	527812	61.227	ng	99
55) Dibenzofuran	15.004	168	5630700	58.833	ng	100
56) 4-Nitrophenol	14.821	139	932829	58.567	ng	98
57) 2,4-Dinitrotoluene	14.968	165	1339791	61.042	ng	99
58) Fluorene	15.651	166	4575097	56.838	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.227	232	1073818	56.464	ng	99
60) Diethylphthalate	15.427	149	4906733	58.992	ng	99
61) 4-Chlorophenyl-phenyle...	15.645	204	2039451	55.876	ng	95
62) 4-Nitroaniline	15.680	138	1232736	58.727	ng	97
63) Azobenzene	15.933	77	5291927	61.477	ng	98
65) 4,6-Dinitro-2-methylph...	15.727	198	683989	64.243	ng	99
66) n-Nitrosodiphenylamine	15.857	169	3876092	65.340	ng	100
67) 4-Bromophenyl-phenylether	16.533	248	1187912	64.175	ng	98
68) Hexachlorobenzene	16.645	284	1301470	61.479	ng	98
69) Atrazine	16.810	200	1060724	58.434	ng	99
70) Pentachlorophenol	16.992	266	829451	61.955	ng	98
71) Phenanthrene	17.386	178	6771444	60.689	ng	100
72) Anthracene	17.474	178	6611253	62.016	ng	99
73) Carbazole	17.745	167	6092060	59.073	ng	99
74) Di-n-butylphthalate	18.309	149	8120586	62.095	ng	99
75) Fluoranthene	19.392	202	6977565	54.937	ng	98
77) Benzidine	19.574	184	1810170	55.045	ng	100
78) Pyrene	19.756	202	7186299	73.457	ng	99
80) Butylbenzylphthalate	20.650	149	3306079	74.864	ng	100
81) Benzo(a)anthracene	21.497	228	6174356	62.885	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	1749433	57.620	ng	99
83) Chrysene	21.550	228	5823763	62.419	ng	99
84) Bis(2-ethylhexyl)phtha...	21.421	149	4802862	71.696	ng	99
85) Di-n-octyl phthalate	22.356	149	7589041	69.164	ng	98
87) Indeno(1,2,3-cd)pyrene	26.450	276	5833159	59.179	ng	99
88) Benzo(b)fluoranthene	23.191	252	5261099	63.353	ng	99
89) Benzo(k)fluoranthene	23.244	252	5512330	65.502	ng	99
90) Benzo(a)pyrene	23.821	252	4391256	63.267	ng	99
91) Dibenzo(a,h)anthracene	26.468	278	4897331	59.031	ng	100
92) Benzo(g,h,i)perylene	27.221	276	4745798	59.891	ng	99

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

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