Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036103.D
Acq On : 04 Aug 2022 17:51
Operator : CG/JU
Sample : N3931-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-117MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

Quant Time: Aug 05 03:39:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 03:36:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	343122	20.000	ng		0.00
21) Naphthalene-d8	10.669	136	1497343	20.000	ng		0.00
39) Acenaphthene-d10	14.504	164	903713	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	1855878	20.000	ng		0.00
76) Chrysene-d12	21.427	240	1431833	20.000	ng		0.00
86) Perylene-d12	23.791	264	1254712	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	2206922	104.278	ng		0.00
7) Phenol-d6	7.039	99	2877346	106.847	ng		0.00
23) Nitrobenzene-d5	9.033	82	1690073	63.182	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	1114671	105.140	ng		0.00
45) 2-Fluorobiphenyl	13.133	172	3455663	56.458	ng		0.00
79) Terphenyl-d14	19.868	244	4444970	61.232	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	320645	37.599	ng	#	93
3) Pyridine	3.699	79	918906	40.182	ng		89
4) n-Nitrosodimethylamine	3.610	42	444486	47.298	ng	#	66
6) Aniline	7.192	93	1501885	50.363	ng		95
8) 2-Chlorophenol	7.428	128	1245389	55.191	ng		95
9) Benzaldehyde	7.004	77	802754	56.307	ng		94
10) Phenol	7.069	94	1535261	56.620	ng		91
11) bis(2-Chloroethyl)ether	7.292	93	1120175	50.149	ng		95
12) 1,3-Dichlorobenzene	7.745	146	1241867	49.664	ng		98
13) 1,4-Dichlorobenzene	7.898	146	1277980	50.116	ng		99
14) 1,2-Dichlorobenzene	8.210	146	1242352	50.492	ng		100
15) Benzyl Alcohol	8.110	79	1009964m	55.888	ng		
16) 2,2'-oxybis(1-Chloropr...	8.404	45	1503540	50.622	ng		95
17) 2-Methylphenol	8.316	107	1019884	56.821	ng		95
18) Hexachloroethane	8.939	117	443913	48.358	ng		96
19) n-Nitroso-di-n-propyla...	8.681	70	840253	51.368	ng		88
20) 3+4-Methylphenols	8.651	107	1377896	56.503	ng		96
22) Acetophenone	8.698	105	1771863	49.989	ng	#	91
24) Nitrobenzene	9.075	77	1279561	50.884	ng		96
25) Isophorone	9.604	82	2375517	54.590	ng		98
26) 2-Nitrophenol	9.786	139	662203	55.831	ng		91
27) 2,4-Dimethylphenol	9.851	122	1140141	62.054	ng		99
28) bis(2-Chloroethoxy)met...	10.086	93	1500148	48.388	ng		99
29) 2,4-Dichlorophenol	10.322	162	1136554	55.006	ng		100
30) 1,2,4-Trichlorobenzene	10.527	180	1122228	47.927	ng		98
31) Naphthalene	10.722	128	3740033	50.240	ng		100
32) Benzoic acid	10.028	122	933484	64.093	ng		94
33) 4-Chloroaniline	10.833	127	1051234	35.039	ng		96
34) Hexachlorobutadiene	10.998	225	667758	48.532	ng		98
35) Caprolactam	11.651	113	367423m	57.731	ng		
36) 4-Chloro-3-methylphenol	11.969	107	1197830	55.154	ng		100
37) 2-Methylnaphthalene	12.333	142	2590691	52.296	ng		98
38) 1-Methylnaphthalene	12.551	142	2464815	50.807	ng		99
40) 1,2,4,5-Tetrachloroben...	12.698	216	1234069	50.369	ng		99
41) Hexachlorocyclopentadiene	12.669	237	808812	62.330	ng		99
43) 2,4,6-Trichlorophenol	12.939	196	887632	53.242	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	967312	54.964	ng		97
46) 1,1'-Biphenyl	13.345	154	3317442	50.371	ng		100
47) 2-Chloronaphthalene	13.380	162	2544759	50.485	ng		99
48) 2-Nitroaniline	13.598	65	771253	56.145	ng		89
49) Acenaphthylene	14.227	152	4100992	52.632	ng		100
50) Dimethylphthalate	13.974	163	3023736	49.202	ng		99
51) 2,6-Dinitrotoluene	14.092	165	682802	55.375	ng		90
52) Acenaphthene	14.568	154	2842576m	55.770	ng		
53) 3-Nitroaniline	14.421	138	667247	46.381	ng		96
54) 2,4-Dinitrophenol	14.627	184	667911	102.361	ng		88
55) Dibenzofuran	14.904	168	3817271	50.012	ng		98
56) 4-Nitrophenol	14.739	139	1389864	120.726	ng		88
57) 2,4-Dinitrotoluene	14.874	165	944254	58.425	ng		97
58) Fluorene	15.551	166	3087587	51.282	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.127	232	802266	53.815	ng		97
60) Diethylphthalate	15.333	149	3163068	50.084	ng		99
61) 4-Chlorophenyl-phenyle...	15.545	204	1484306	49.440	ng		97
62) 4-Nitroaniline	15.586	138	823059	55.613	ng		91
63) Azobenzene	15.839	77	3003145	50.020	ng		93
65) 4,6-Dinitro-2-methylph...	15.633	198	410480	43.257	ng		95
66) n-Nitrosodiphenylamine	15.762	169	2628784	50.176	ng		99
67) 4-Bromophenyl-phenylether	16.439	248	919328	49.523	ng		96
68) Hexachlorobenzene	16.545	284	1088738	51.115	ng		94
69) Atrazine	16.721	200	904450	61.697	ng		98
70) Pentachlorophenol	16.898	266	1441993	115.596	ng		98
71) Phenanthrene	17.286	178	5305518	56.113	ng		99
72) Anthracene	17.380	178	4914035	53.683	ng		98
73) Carbazole	17.651	167	4649563	50.131	ng		99
74) Di-n-butylphthalate	18.215	149	5759547	52.020	ng		99
75) Fluoranthene	19.303	202	6268611	59.229	ng		98
77) Benzidine	19.492	184	2285950	106.456	ng		99
78) Pyrene	19.668	202	6188971	69.705	ng		98
80) Butylbenzylphthalate	20.568	149	2507157	65.425	ng		96
81) Benzo(a)anthracene	21.415	228	4922889	55.820	ng		100
82) 3,3'-Dichlorobenzidine	21.350	252	1579397	73.753	ng		99
83) Chrysene	21.468	228	4552971	54.309	ng		99
84) Bis(2-ethylhexyl)phtha...	21.344	149	3599175	62.255	ng		97
85) Di-n-octyl phthalate	22.256	149	5414104	57.382	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.256	276	4428111	50.220	ng		99
88) Benzo(b)fluoranthene	23.074	252	4506325	61.300	ng		99
89) Benzo(k)fluoranthene	23.121	252	4043840	54.464	ng		98
90) Benzo(a)pyrene	23.691	252	3713144	60.201	ng		99
91) Dibenzo(a,h)anthracene	26.274	278	3722076	50.430	ng		98
92) Benzo(g,h,i)perylene	27.015	276	3821593	53.485	ng		98

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

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