Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036104.D
Acq On : 04 Aug 2022 18:29
Operator : CG/JU
Sample : N3931-05MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-117MSD

Manual Integrations APPROVED

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

Quant Time: Aug 05 03:40:10 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	357756	20.000	ng		0.00
21) Naphthalene-d8	10.669	136	1540724	20.000	ng		0.00
39) Acenaphthene-d10	14.504	164	929866	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	1877098	20.000	ng		0.00
76) Chrysene-d12	21.427	240	1344900	20.000	ng		0.00
86) Perylene-d12	23.791	264	1217043	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	2253591	102.127	ng		0.00
7) Phenol-d6	7.039	99	2937509	104.619	ng		0.00
23) Nitrobenzene-d5	9.033	82	1735746	63.062	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	1130385	103.624	ng		0.00
45) 2-Fluorobiphenyl	13.133	172	3569081	56.671	ng		0.00
79) Terphenyl-d14	19.868	244	4242539	62.221	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	330506	37.170	ng		92
3) Pyridine	3.699	79	934265	39.182	ng		90
4) n-Nitrosodimethylamine	3.616	42	456622	46.602	ng	#	64
6) Aniline	7.192	93	1561303	50.214	ng		94
8) 2-Chlorophenol	7.428	128	1272466	54.084	ng		95
9) Benzaldehyde	7.004	77	822385	55.325	ng		93
10) Phenol	7.069	94	1576959	55.779	ng		90
11) bis(2-Chloroethyl)ether	7.292	93	1158517	49.744	ng		94
12) 1,3-Dichlorobenzene	7.745	146	1292643	49.580	ng		98
13) 1,4-Dichlorobenzene	7.898	146	1324287	49.808	ng		98
14) 1,2-Dichlorobenzene	8.210	146	1281125	49.938	ng		98
15) Benzyl Alcohol	8.116	79	1032586m	54.802	ng		
16) 2,2'-oxybis(1-Chloropr...	8.404	45	1556435	50.259	ng		97
17) 2-Methylphenol	8.316	107	1037293	55.427	ng		95
18) Hexachloroethane	8.939	117	458828	47.938	ng		96
19) n-Nitroso-di-n-propyla...	8.681	70	869650	50.991	ng	#	87
20) 3+4-Methylphenols	8.651	107	1413689	55.600	ng		96
22) Acetophenone	8.692	105	1827746	50.114	ng	#	92
24) Nitrobenzene	9.075	77	1308037	50.551	ng		96
25) Isophorone	9.604	82	2451849	54.758	ng		99
26) 2-Nitrophenol	9.786	139	680830	55.785	ng		91
27) 2,4-Dimethylphenol	9.851	122	1163376	61.536	ng		99
28) bis(2-Chloroethoxy)met...	10.086	93	1533937	48.085	ng		99
29) 2,4-Dichlorophenol	10.322	162	1172109	55.130	ng		100
30) 1,2,4-Trichlorobenzene	10.527	180	1157994	48.062	ng		98
31) Naphthalene	10.716	128	3832984	50.038	ng		100
32) Benzoic acid	10.033	122	938334	62.612	ng		93
33) 4-Chloroaniline	10.833	127	1142737	37.016	ng		96
34) Hexachlorobutadiene	10.998	225	691719	48.858	ng		98
35) Caprolactam	11.657	113	376482m	57.489	ng		
36) 4-Chloro-3-methylphenol	11.969	107	1230128	55.046	ng		100
37) 2-Methylnaphthalene	12.327	142	2665209	52.286	ng		97
38) 1-Methylnaphthalene	12.551	142	2543280	50.949	ng		98
40) 1,2,4,5-Tetrachloroben...	12.698	216	1281649	50.839	ng		99
41) Hexachlorocyclopentadiene	12.669	237	830267	62.184	ng		99
43) 2,4,6-Trichlorophenol	12.939	196	905069	52.761	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	997463	55.084	ng		98
46) 1,1'-Biphenyl	13.339	154	3420912	50.481	ng		99
47) 2-Chloronaphthalene	13.380	162	2615392	50.427	ng		99
48) 2-Nitroaniline	13.598	65	791728	56.014	ng		88
49) Acenaphthylene	14.227	152	4188909	52.248	ng		100
50) Dimethylphthalate	13.974	163	3121482	49.363	ng		99
51) 2,6-Dinitrotoluene	14.092	165	699767	55.155	ng		92
52) Acenaphthene	14.568	154	2905980m	55.410	ng		
53) 3-Nitroaniline	14.421	138	700419	47.318	ng		92
54) 2,4-Dinitrophenol	14.627	184	663733	98.860	ng		91
55) Dibenzofuran	14.904	168	3909506	49.780	ng		98
56) 4-Nitrophenol	14.745	139	1396157	117.862	ng		84
57) 2,4-Dinitrotoluene	14.880	165	968603	58.246	ng		97
58) Fluorene	15.551	166	3164615	51.083	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.127	232	811420	52.898	ng		98
60) Diethylphthalate	15.333	149	3256995	50.121	ng		99
61) 4-Chlorophenyl-phenyle...	15.545	204	1525252	49.375	ng		96
62) 4-Nitroaniline	15.586	138	829247	54.455	ng		92
63) Azobenzene	15.839	77	3087260	49.975	ng		93
65) 4,6-Dinitro-2-methylph...	15.639	198	414263	43.162	ng		93
66) n-Nitrosodiphenylamine	15.762	169	2703259	51.015	ng		100
67) 4-Bromophenyl-phenylether	16.439	248	949144	50.551	ng		96
68) Hexachlorobenzene	16.545	284	1114686	51.742	ng		93
69) Atrazine	16.721	200	920662	62.092	ng		99
70) Pentachlorophenol	16.898	266	1428868	113.249	ng		99
71) Phenanthrene	17.292	178	5348033	55.923	ng		99
72) Anthracene	17.380	178	4929065	53.238	ng		98
73) Carbazole	17.656	167	4613793	49.183	ng		100
74) Di-n-butylphthalate	18.215	149	5866090	52.383	ng		99
75) Fluoranthene	19.303	202	6034077	56.368	ng		98
77) Benzidine	19.492	184	2291599	113.617	ng		99
78) Pyrene	19.668	202	5909721	70.863	ng		98
80) Butylbenzylphthalate	20.568	149	2412900	67.035	ng		96
81) Benzo(a)anthracene	21.415	228	4637053	55.978	ng		99
82) 3,3'-Dichlorobenzidine	21.350	252	1533261	76.227	ng		99
83) Chrysene	21.468	228	4268369	54.205	ng		99
84) Bis(2-ethylhexyl)phtha...	21.344	149	3425768	63.086	ng	#	97
85) Di-n-octyl phthalate	22.256	149	5145754	58.063	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.262	276	4372975	51.130	ng		99
88) Benzo(b)fluoranthene	23.074	252	4315511	60.521	ng		98
89) Benzo(k)fluoranthene	23.121	252	3861363	53.616	ng		98
90) Benzo(a)pyrene	23.691	252	3569562	59.665	ng		99
91) Dibenzo(a,h)anthracene	26.273	278	3693040	51.585	ng		98
92) Benzo(g,h,i)perylene	27.015	276	3774819	54.465	ng		99

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

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