Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062222\
Data File : BM035608.D
Acq On : 22 Jun 2022 19:55
Operator : CG/JU
Sample : N3421-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-1-0-2-20220620MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

Quant Time: Jun 23 07:36:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 23 07:33:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.798	152	169318	20.000	ng		0.00
21) Naphthalene-d8	10.592	136	661512	20.000	ng		0.00
39) Acenaphthene-d10	14.439	164	357063	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	675712	20.000	ng		0.00
76) Chrysene-d12	21.380	240	656604	20.000	ng		0.00
86) Perylene-d12	23.715	264	719422	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	1212646	121.451	ng		0.00
7) Phenol-d6	7.004	99	1516910	109.632	ng		0.00
23) Nitrobenzene-d5	8.963	82	901856	74.088	ng		0.00
42) 2,4,6-Tribromophenol	15.939	330	478953	125.990	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	1982100	79.304	ng		0.00
79) Terphenyl-d14	19.815	244	2530908	73.597	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	183662	48.227	ng	#	95
3) Pyridine	3.693	79	473384	44.445	ng		95
4) n-Nitrosodimethylamine	3.605	42	213400	43.408	ng	#	68
6) Aniline	7.134	93	574822	38.435	ng		98
8) 2-Chlorophenol	7.375	128	584286	50.977	ng		94
9) Benzaldehyde	6.946	77	324932	46.779	ng		92
10) Phenol	7.028	94	663007	49.326	ng		90
11) bis(2-Chloroethyl)ether	7.228	93	515152	47.816	ng		97
12) 1,3-Dichlorobenzene	7.687	146	628137m	51.374	ng		
13) 1,4-Dichlorobenzene	7.834	146	633307	50.595	ng		99
14) 1,2-Dichlorobenzene	8.151	146	615781	50.403	ng		98
15) Benzyl Alcohol	8.057	79	411666m	44.412	ng		
16) 2,2'-oxybis(1-Chloropr...	8.328	45	733086	39.178	ng		99
17) 2-Methylphenol	8.275	107	446934	48.454	ng		94
18) Hexachloroethane	8.869	117	225983	50.340	ng		98
19) n-Nitroso-di-n-propyla...	8.610	70	367200	42.221	ng		90
20) 3+4-Methylphenols	8.604	107	590103	45.639	ng		95
22) Acetophenone	8.628	105	790896	49.363	ng	#	95
24) Nitrobenzene	9.004	77	549241	49.278	ng		94
25) Isophorone	9.534	82	987171	49.866	ng		96
26) 2-Nitrophenol	9.716	139	302268	52.992	ng	#	87
27) 2,4-Dimethylphenol	9.792	122	485921	58.134	ng		97
28) bis(2-Chloroethoxy)met...	10.016	93	662448	48.094	ng		99
29) 2,4-Dichlorophenol	10.281	162	485510	52.123	ng		99
30) 1,2,4-Trichlorobenzene	10.463	180	523342	50.539	ng		99
31) Naphthalene	10.645	128	1682076	50.766	ng		100
32) Benzoic acid	9.986	122	312402	40.806	ng		90
33) 4-Chloroaniline	10.781	127	238675	17.704	ng		95
34) Hexachlorobutadiene	10.928	225	300670	51.594	ng		98
35) Caprolactam	11.569	113	146365	46.358	ng		89
36) 4-Chloro-3-methylphenol	11.928	107	488680	46.276	ng		100
37) 2-Methylnaphthalene	12.257	142	1126134	49.353	ng		97
38) 1-Methylnaphthalene	12.480	142	1074670	48.187	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.633	216	542817	53.940	ng		98
41) Hexachlorocyclopentadiene	12.610	237	499969	122.123	ng		98
43) 2,4,6-Trichlorophenol	12.892	196	352102	51.008	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.986	196	378570	50.837	ng		96
46) 1,1'-Biphenyl	13.275	154	1419298	51.038	ng		99
47) 2-Chloronaphthalene	13.316	162	1081617	51.717	ng		99
48) 2-Nitroaniline	13.539	65	289566	45.738	ng		88
49) Acenaphthylene	14.163	152	1694778	51.734	ng		99
50) Dimethylphthalate	13.910	163	1270997	48.372	ng		99
51) 2,6-Dinitrotoluene	14.033	165	286725	52.128	ng	#	79
52) Acenaphthene	14.504	154	1004081	52.618	ng		99
53) 3-Nitroaniline	14.374	138	156537	26.518	ng		92
54) 2,4-Dinitrophenol	14.586	184	287698	82.799	ng	#	82
55) Dibenzofuran	14.839	168	1552089	50.767	ng		96
56) 4-Nitrophenol	14.733	139	390466	83.541	ng	#	83
57) 2,4-Dinitrotoluene	14.827	165	385339	55.168	ng		95
58) Fluorene	15.492	166	1252119	52.426	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.086	232	302962	51.157	ng		92
60) Diethylphthalate	15.269	149	1256281	48.855	ng		99
61) 4-Chlorophenyl-phenyle...	15.486	204	591919	51.216	ng		97
62) 4-Nitroaniline	15.533	138	287257m	50.282	ng		
63) Azobenzene	15.780	77	1107826	45.485	ng		92
65) 4,6-Dinitro-2-methylph...	15.598	198	192446	45.235	ng		96
66) n-Nitrosodiphenylamine	15.704	169	1082479	53.796	ng		99
67) 4-Bromophenyl-phenylether	16.380	248	364909	52.339	ng		94
68) Hexachlorobenzene	16.498	284	408968	53.653	ng		93
69) Atrazine	16.663	200	358646	58.713	ng		97
70) Pentachlorophenol	16.857	266	434051	108.143	ng		99
71) Phenanthrene	17.233	178	1870957	52.171	ng		99
72) Anthracene	17.321	178	1906115	54.475	ng		99
73) Carbazole	17.604	167	1773344	52.268	ng		98
74) Di-n-butylphthalate	18.162	149	2159481	53.216	ng		99
75) Fluoranthene	19.251	202	2090683	56.141	ng		97
77) Benzidine	19.445	184	1174109	97.273	ng		100
78) Pyrene	19.615	202	2170406	47.094	ng		99
80) Butylbenzylphthalate	20.515	149	960415	47.044	ng		93
81) Benzo(a)anthracene	21.362	228	2092640	51.158	ng		98
82) 3,3'-Dichlorobenzidine	21.298	252	533126	56.612	ng		98
83) Chrysene	21.415	228	2002685	50.687	ng		99
84) Bis(2-ethylhexyl)phtha...	21.292	149	1429015	48.806	ng		99
85) Di-n-octyl phthalate	22.192	149	2444044	51.378	ng		96
87) Indeno(1,2,3-cd)pyrene	26.121	276	2809629	56.532	ng	#	94
88) Benzo(b)fluoranthene	23.003	252	2225448	52.517	ng	#	97
89) Benzo(k)fluoranthene	23.050	252	2196730	51.205	ng	#	97
90) Benzo(a)pyrene	23.609	252	2029943	56.778	ng	#	97
91) Dibenzo(a,h)anthracene	26.133	278	2457890	59.781	ng	#	96
92) Benzo(g,h,i)perylene	26.862	276	2521644	61.659	ng	#	95

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

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