Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062222\
Data File : BM035607.D
Acq On : 22 Jun 2022 19:18
Operator : CG/JU
Sample : N3421-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

Quant Time: Jun 23 07:36:39 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	170336	20.000	ng		0.00
21) Naphthalene-d8	10.592	136	675653	20.000	ng		0.00
39) Acenaphthene-d10	14.439	164	379436	20.000	ng		0.00
64) Phenanthrene-d10	17.186	188	725919	20.000	ng	#	0.00
76) Chrysene-d12	21.380	240	681973	20.000	ng		0.00
86) Perylene-d12	23.715	264	750861	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	1233428	122.794	ng		0.00
7) Phenol-d6	7.004	99	1557249	111.875	ng		0.00
23) Nitrobenzene-d5	8.963	82	923090	74.245	ng		0.00
42) 2,4,6-Tribromophenol	15.939	330	515249	127.546	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	2059113	77.528	ng		0.00
79) Terphenyl-d14	19.815	244	2672311	74.818	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	186612	48.709	ng	#	93
3) Pyridine	3.693	79	476063	44.430	ng		96
4) n-Nitrosodimethylamine	3.604	42	216406	43.756	ng	#	67
6) Aniline	7.134	93	545096	36.230	ng		97
8) 2-Chlorophenol	7.375	128	596196	51.706	ng		94
9) Benzaldehyde	6.945	77	329663	47.177	ng		92
10) Phenol	7.028	94	680919	50.356	ng		91
11) bis(2-Chloroethyl)ether	7.228	93	524298	48.374	ng		96
12) 1,3-Dichlorobenzene	7.687	146	629456	51.174	ng		96
13) 1,4-Dichlorobenzene	7.834	146	644457	51.178	ng		98
14) 1,2-Dichlorobenzene	8.151	146	622319	50.634	ng		99
15) Benzyl Alcohol	8.057	79	419956m	45.036	ng		
16) 2,2'-oxybis(1-Chloropr...	8.328	45	745443	39.600	ng		99
17) 2-Methylphenol	8.275	107	460592	49.636	ng	#	93
18) Hexachloroethane	8.869	117	226045	50.053	ng		97
19) n-Nitroso-di-n-propyla...	8.616	70	375940	42.967	ng		89
20) 3+4-Methylphenols	8.604	107	615671	47.332	ng		93
22) Acetophenone	8.628	105	802805	49.058	ng	#	96
24) Nitrobenzene	9.004	77	559716	49.167	ng		93
25) Isophorone	9.533	82	1024453	50.666	ng		96
26) 2-Nitrophenol	9.716	139	311479	53.464	ng	#	87
27) 2,4-Dimethylphenol	9.798	122	503737	59.004	ng		97
28) bis(2-Chloroethoxy)met...	10.016	93	678144	48.203	ng		99
29) 2,4-Dichlorophenol	10.280	162	504974	53.078	ng		99
30) 1,2,4-Trichlorobenzene	10.463	180	532277	50.326	ng		98
31) Naphthalene	10.645	128	1715460	50.690	ng		99
32) Benzoic acid	9.986	122	327720	41.785	ng		91
33) 4-Chloroaniline	10.786	127	198064	14.384	ng		95
34) Hexachlorobutadiene	10.927	225	304071	51.086	ng		97
35) Caprolactam	11.575	113	156014	48.380	ng		97
36) 4-Chloro-3-methylphenol	11.927	107	518453	48.068	ng		99
37) 2-Methylnaphthalene	12.263	142	1166870	50.068	ng		96
38) 1-Methylnaphthalene	12.480	142	1107289	48.610	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.633	216	554839	51.884	ng		99
41) Hexachlorocyclopentadiene	12.610	237	511618	117.836	ng		97
43) 2,4,6-Trichlorophenol	12.892	196	374247	51.020	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.986	196	394273	49.824	ng		95
46) 1,1'-Biphenyl	13.274	154	1483953	50.216	ng		99
47) 2-Chloronaphthalene	13.316	162	1136674	51.145	ng		99
48) 2-Nitroaniline	13.539	65	310273	46.119	ng		89
49) Acenaphthylene	14.163	152	1773904	50.956	ng		99
50) Dimethylphthalate	13.910	163	1347275	48.251	ng		99
51) 2,6-Dinitrotoluene	14.027	165	302772	51.800	ng		84
52) Acenaphthene	14.504	154	1059304	52.239	ng		99
53) 3-Nitroaniline	14.368	138	157333	25.082	ng		97
54) 2,4-Dinitrophenol	14.586	184	302033	81.881	ng		85
55) Dibenzofuran	14.845	168	1647035	50.696	ng		96
56) 4-Nitrophenol	14.733	139	423856	85.216	ng	#	83
57) 2,4-Dinitrotoluene	14.827	165	408539	55.040	ng	#	96
58) Fluorene	15.492	166	1333784	52.552	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.086	232	320602	50.944	ng		93
60) Diethylphthalate	15.268	149	1350215	49.412	ng		99
61) 4-Chlorophenyl-phenyle...	15.486	204	630496	51.337	ng		96
62) 4-Nitroaniline	15.533	138	302500m	49.828	ng		
63) Azobenzene	15.780	77	1203528	46.501	ng		93
65) 4,6-Dinitro-2-methylph...	15.598	198	206117	45.097	ng		94
66) n-Nitrosodiphenylamine	15.704	169	1155886	53.471	ng		99
67) 4-Bromophenyl-phenylether	16.380	248	386086	51.546	ng		93
68) Hexachlorobenzene	16.498	284	439059	53.617	ng		92
69) Atrazine	16.662	200	391387	59.641	ng		100
70) Pentachlorophenol	16.857	266	472497	109.580	ng		100
71) Phenanthrene	17.233	178	2003853	52.012	ng		99
72) Anthracene	17.321	178	2047316	54.463	ng		99
73) Carbazole	17.604	167	1893015	51.936	ng		98
74) Di-n-butylphthalate	18.162	149	2338427	53.640	ng		99
75) Fluoranthene	19.250	202	2208886	55.213	ng		97
77) Benzidine	19.445	184	1206702	96.254	ng		100
78) Pyrene	19.615	202	2291528	47.872	ng		99
80) Butylbenzylphthalate	20.515	149	1011377	47.698	ng		92
81) Benzo(a)anthracene	21.362	228	2166505	50.993	ng		99
82) 3,3'-Dichlorobenzidine	21.297	252	526224	53.801	ng		99
83) Chrysene	21.415	228	2071415	50.476	ng		98
84) Bis(2-ethylhexyl)phtha...	21.292	149	1503507	49.440	ng		98
85) Di-n-octyl phthalate	22.191	149	2517152	50.946	ng		96
87) Indeno(1,2,3-cd)pyrene	26.127	276	2933586	56.555	ng	#	94
88) Benzo(b)fluoranthene	23.003	252	2300629	52.018	ng	#	97
89) Benzo(k)fluoranthene	23.050	252	2291293	51.173	ng	#	97
90) Benzo(a)pyrene	23.609	252	2118872	56.784	ng	#	97
91) Dibenzo(a,h)anthracene	26.132	278	2562262	59.710	ng	#	96
92) Benzo(g,h,i)perylene	26.862	276	2651902	62.128	ng	#	95

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

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