Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
Data File : BM035336.D
Acq On : 31 May 2022 21:38
Operator : CG/JU
Sample : N2952-29MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

Quant Time: Jun 01 03:49:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 31 15:35:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	129825	20.000	ng		0.00
21) Naphthalene-d8	10.669	136	465443	20.000	ng	#	0.00
39) Acenaphthene-d10	14.510	164	292604	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	653522	20.000	ng		0.00
76) Chrysene-d12	21.433	240	715219	20.000	ng	#	0.00
86) Perylene-d12	23.803	264	746756	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	612056	87.047	ng		0.00
7) Phenol-d6	7.051	99	751317	82.520	ng		0.00
23) Nitrobenzene-d5	9.028	82	471599	55.776	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	379741	100.039	ng		0.00
45) 2-Fluorobiphenyl	13.133	172	1231999	58.389	ng		0.00
79) Terphenyl-d14	19.874	244	2186974	54.184	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.351	88	116345	42.250	ng		91
3) Pyridine	3.751	79	282383	39.415	ng		90
4) n-Nitrosodimethylamine	3.657	42	154748	44.349	ng	#	73
6) Aniline	7.198	93	396968	41.037	ng		94
8) 2-Chlorophenol	7.439	128	403128	50.949	ng		92
9) Benzaldehyde	7.010	77	219031	46.400	ng		92
10) Phenol	7.081	94	443951	50.034	ng		94
11) bis(2-Chloroethyl)ether	7.292	93	352514	50.826	ng		92
12) 1,3-Dichlorobenzene	7.757	146	466716	51.034	ng		96
13) 1,4-Dichlorobenzene	7.904	146	475179	50.875	ng		98
14) 1,2-Dichlorobenzene	8.222	146	451938	49.855	ng		98
15) Benzyl Alcohol	8.116	79	311279m	48.068	ng		
16) 2,2'-oxybis(1-Chloropr...	8.404	45	402524	43.182	ng		94
17) 2-Methylphenol	8.328	107	309162	49.693	ng		97
18) Hexachloroethane	8.945	117	139401	43.570	ng	#	86
19) n-Nitroso-di-n-propyla...	8.681	70	255602	45.519	ng		88
20) 3+4-Methylphenols	8.657	107	409616	48.099	ng		97
22) Acetophenone	8.692	105	554300	50.044	ng	#	93
24) Nitrobenzene	9.069	77	380422	48.782	ng		95
25) Isophorone	9.604	82	692455	54.110	ng		96
26) 2-Nitrophenol	9.780	139	212204	52.736	ng		91
27) 2,4-Dimethylphenol	9.857	122	342396	60.752	ng		98
28) bis(2-Chloroethoxy)met...	10.080	93	424089	49.004	ng		99
29) 2,4-Dichlorophenol	10.327	162	379753	53.501	ng		98
30) 1,2,4-Trichlorobenzene	10.533	180	442980	52.276	ng		98
31) Naphthalene	10.716	128	1159382	51.120	ng		99
32) Benzoic acid	10.033	122	264773	51.846	ng		95
33) 4-Chloroaniline	10.833	127	322427	35.893	ng		95
34) Hexachlorobutadiene	11.004	225	285711	51.530	ng		98
35) Caprolactam	11.639	113	108435	55.673	ng	#	83
36) 4-Chloro-3-methylphenol	11.974	107	361155	51.215	ng		99
37) 2-Methylnaphthalene	12.333	142	814021	50.902	ng		98
38) 1-Methylnaphthalene	12.551	142	784678	50.194	ng		99
40) 1,2,4,5-Tetrachloroben...	12.704	216	503948	53.782	ng	#	96
41) Hexachlorocyclopentadiene	12.680	237	151315	30.100	ng		96
43) 2,4,6-Trichlorophenol	12.951	196	326250	53.429	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.027	196	359417	55.335	ng	#	92
46) 1,1'-Biphenyl	13.345	154	1095720	50.823	ng		99
47) 2-Chloronaphthalene	13.386	162	864198	51.698	ng		99
48) 2-Nitroaniline	13.592	65	229392	54.996	ng		88
49) Acenaphthylene	14.227	152	1373866	55.121	ng		100
50) Dimethylphthalate	13.974	163	1029686	49.622	ng	#	98
51) 2,6-Dinitrotoluene	14.086	165	226385	53.146	ng	#	82
52) Acenaphthene	14.574	154	787567	51.887	ng		99
53) 3-Nitroaniline	14.421	138	220346	52.213	ng		92
54) 2,4-Dinitrophenol	14.633	184	103496	38.039	ng	#	79
55) Dibenzofuran	14.910	168	1296287	50.707	ng		93
56) 4-Nitrophenol	14.751	139	406165	124.836	ng		83
57) 2,4-Dinitrotoluene	14.880	165	311747	54.559	ng	#	85
58) Fluorene	15.557	166	1060987	53.231	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.139	232	319988	55.661	ng	#	84
60) Diethylphthalate	15.333	149	1021138	50.366	ng		97
61) 4-Chlorophenyl-phenyle...	15.551	204	561230	51.717	ng		90
62) 4-Nitroaniline	15.586	138	251670	59.045	ng		90
63) Azobenzene	15.845	77	818830	47.738	ng		90
65) 4,6-Dinitro-2-methylph...	15.645	198	75419	18.400	ng		85
66) n-Nitrosodiphenylamine	15.768	169	923308	49.054	ng		99
67) 4-Bromophenyl-phenylether	16.445	248	368201	50.389	ng	#	87
68) Hexachlorobenzene	16.568	284	424877	52.196	ng	#	85
69) Atrazine	16.721	200	334935	53.462	ng		97
70) Pentachlorophenol	16.909	266	555521	118.158	ng		100
71) Phenanthrene	17.298	178	1732773	51.606	ng		99
72) Anthracene	17.386	178	1777680	54.237	ng		99
73) Carbazole	17.656	167	1587696	50.937	ng		98
74) Di-n-butylphthalate	18.227	149	1855554	51.308	ng		99
75) Fluoranthene	19.309	202	2153350	54.754	ng		98
77) Benzidine	19.497	184	187491	12.941	ng		98
78) Pyrene	19.674	202	2236673	47.667	ng		100
80) Butylbenzylphthalate	20.574	149	907884	50.587	ng	#	86
81) Benzo(a)anthracene	21.421	228	2332349	51.567	ng		100
82) 3,3'-Dichlorobenzidine	21.350	252	666807	59.547	ng		98
83) Chrysene	21.474	228	2139410	50.110	ng		100
84) Bis(2-ethylhexyl)phtha...	21.350	149	1374339	54.162	ng	#	96
85) Di-n-octyl phthalate	22.262	149	2289730	54.393	ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.268	276	2659222	52.266	ng		95
88) Benzo(b)fluoranthene	23.085	252	2391661	53.086	ng		99
89) Benzo(k)fluoranthene	23.133	252	2288472	51.413	ng		99
90) Benzo(a)pyrene	23.697	252	2267855	60.734	ng		98
91) Dibenzo(a,h)anthracene	26.273	278	2326171	55.040	ng		97
92) Benzo(g,h,i)perylene	27.020	276	2304334	54.668	ng	#	95

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

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