Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
Data File : BM035335.D
Acq On : 31 May 2022 21:01
Operator : CG/JU
Sample : N2952-28MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations APPROVED

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

Quant Time: Jun 01 03:49:38 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	130244	20.000	ng		0.00
21) Naphthalene-d8	10.669	136	463740	20.000	ng	#	0.00
39) Acenaphthene-d10	14.510	164	288907	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	647242	20.000	ng		0.00
76) Chrysene-d12	21.438	240	712584	20.000	ng	#	0.00
86) Perylene-d12	23.803	264	728926	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	612479	86.826	ng		0.00
7) Phenol-d6	7.051	99	756983	82.875	ng		0.00
23) Nitrobenzene-d5	9.028	82	481640	57.173	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	357910	95.494	ng		0.00
45) 2-Fluorobiphenyl	13.133	172	1210197	58.089	ng		0.00
79) Terphenyl-d14	19.874	244	2126989	52.892	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.351	88	116496	42.169	ng	#	91
3) Pyridine	3.751	79	289364	40.260	ng		89
4) n-Nitrosodimethylamine	3.657	42	159594	45.591	ng	#	78
6) Aniline	7.192	93	392162	40.410	ng		98
8) 2-Chlorophenol	7.439	128	402813	50.746	ng		92
9) Benzaldehyde	7.004	77	221306	46.731	ng		94
10) Phenol	7.081	94	444018	49.880	ng		95
11) bis(2-Chloroethyl)ether	7.292	93	352226	50.621	ng		93
12) 1,3-Dichlorobenzene	7.757	146	466100	50.803	ng		96
13) 1,4-Dichlorobenzene	7.904	146	475157	50.709	ng		98
14) 1,2-Dichlorobenzene	8.222	146	451174	49.611	ng		97
15) Benzyl Alcohol	8.116	79	317661m	48.896	ng		
16) 2,2'-oxybis(1-Chloropr...	8.398	45	417317	44.624	ng		95
17) 2-Methylphenol	8.328	107	305461	48.940	ng		96
18) Hexachloroethane	8.945	117	147215	45.864	ng	#	86
19) n-Nitroso-di-n-propyla...	8.680	70	253104	44.929	ng		90
20) 3+4-Methylphenols	8.651	107	410602	48.060	ng		93
22) Acetophenone	8.692	105	552126	50.031	ng	#	93
24) Nitrobenzene	9.069	77	392375	50.499	ng		96
25) Isophorone	9.604	82	690003	54.117	ng		97
26) 2-Nitrophenol	9.786	139	216654	54.040	ng		89
27) 2,4-Dimethylphenol	9.857	122	338837	60.341	ng		99
28) bis(2-Chloroethoxy)met...	10.080	93	427396	49.568	ng		99
29) 2,4-Dichlorophenol	10.327	162	379497	53.662	ng		99
30) 1,2,4-Trichlorobenzene	10.533	180	438767	51.969	ng		98
31) Naphthalene	10.716	128	1159202	51.300	ng		100
32) Benzoic acid	10.033	122	266468	52.341	ng		95
33) 4-Chloroaniline	10.833	127	298522	33.353	ng		96
34) Hexachlorobutadiene	11.010	225	287093	51.969	ng		97
35) Caprolactam	11.639	113	106660	54.963	ng	#	83
36) 4-Chloro-3-methylphenol	11.974	107	357289	50.853	ng		98
37) 2-Methylnaphthalene	12.333	142	808173	50.722	ng		98
38) 1-Methylnaphthalene	12.551	142	774049	49.696	ng		99
40) 1,2,4,5-Tetrachloroben...	12.704	216	497102	53.730	ng	#	96
41) Hexachlorocyclopentadiene	12.680	237	178965	35.040	ng		97
43) 2,4,6-Trichlorophenol	12.945	196	322832	53.545	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.027	196	347875	54.243	ng	#	93
46) 1,1'-Biphenyl	13.345	154	1069234	50.230	ng		98
47) 2-Chloronaphthalene	13.386	162	847358	51.339	ng		98
48) 2-Nitroaniline	13.592	65	228345	55.446	ng		89
49) Acenaphthylene	14.227	152	1337551	54.351	ng		99
50) Dimethylphthalate	13.974	163	1017286	49.652	ng		99
51) 2,6-Dinitrotoluene	14.086	165	225380	53.587	ng	#	83
52) Acenaphthene	14.574	154	770085	51.384	ng		99
53) 3-Nitroaniline	14.415	138	211221	50.691	ng		94
54) 2,4-Dinitrophenol	14.633	184	130806	48.692	ng	#	80
55) Dibenzofuran	14.910	168	1265618	50.141	ng		94
56) 4-Nitrophenol	14.751	139	404574	125.939	ng		86
57) 2,4-Dinitrotoluene	14.880	165	310358	55.011	ng		85
58) Fluorene	15.557	166	1030727	52.375	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.139	232	311574	54.891	ng	#	85
60) Diethylphthalate	15.333	149	1005811	50.245	ng		97
61) 4-Chlorophenyl-phenyle...	15.551	204	548999	51.237	ng		90
62) 4-Nitroaniline	15.580	138	235384	55.931	ng		94
63) Azobenzene	15.845	77	807708	47.692	ng		90
65) 4,6-Dinitro-2-methylph...	15.645	198	90792	22.366	ng		88
66) n-Nitrosodiphenylamine	15.762	169	891627	47.831	ng		99
67) 4-Bromophenyl-phenylether	16.445	248	356545	49.267	ng	#	89
68) Hexachlorobenzene	16.562	284	407335	50.526	ng	#	90
69) Atrazine	16.721	200	326088	52.555	ng		96
70) Pentachlorophenol	16.909	266	541208	116.231	ng		99
71) Phenanthrene	17.292	178	1684283	50.649	ng		100
72) Anthracene	17.386	178	1727059	53.204	ng		99
73) Carbazole	17.656	167	1553790	50.332	ng		98
74) Di-n-butylphthalate	18.227	149	1816449	50.714	ng		99
75) Fluoranthene	19.309	202	2111962	54.223	ng		98
77) Benzidine	19.497	184	126696	8.777	ng		99
78) Pyrene	19.674	202	2173094	46.483	ng		100
80) Butylbenzylphthalate	20.574	149	877779	49.090	ng	#	88
81) Benzo(a)anthracene	21.421	228	2325838	51.614	ng		99
82) 3,3'-Dichlorobenzidine	21.350	252	617727	55.368	ng	#	98
83) Chrysene	21.474	228	2153252	50.621	ng		99
84) Bis(2-ethylhexyl)phtha...	21.350	149	1357046	53.679	ng	#	96
85) Di-n-octyl phthalate	22.268	149	2267611	54.066	ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.268	276	2602793	52.408	ng		95
88) Benzo(b)fluoranthene	23.085	252	2326792	52.909	ng		98
89) Benzo(k)fluoranthene	23.132	252	2224855	51.206	ng		98
90) Benzo(a)pyrene	23.703	252	2224920	61.041	ng	#	97
91) Dibenzo(a,h)anthracene	26.273	278	2271417	55.059	ng		97
92) Benzo(g,h,i)perylene	27.015	276	2254611	54.797	ng	#	95

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

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