Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052522\
Data File : BM035249.D
Acq On : 25 May 2022 19:46
Operator : CG/JU
Sample : N2922-11MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P024-SS001-2430-01MSD

Quant Time: May 26 05:39:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 26 05:05:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.887	152	83325	20.000	ng		0.00
21) Naphthalene-d8	10.686	136	300829	20.000	ng	#	0.00
39) Acenaphthene-d10	14.527	164	186381	20.000	ng		0.00
64) Phenanthrene-d10	17.268	188	396269	20.000	ng	#	0.00
76) Chrysene-d12	21.450	240	465172	20.000	ng	#	0.00
86) Perylene-d12	23.827	264	571974	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	516449	109.347	ng		0.00
7) Phenol-d6	7.063	99	643133	105.480	ng		0.00
23) Nitrobenzene-d5	9.051	82	395083	70.921	ng		0.00
42) 2,4,6-Tribromophenol	16.015	330	327790	161.676	ng		0.00
45) 2-Fluorobiphenyl	13.151	172	1066028	83.030	ng		0.00
79) Terphenyl-d14	19.892	244	1731791	72.083	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	72706	38.045	ng	#	87
3) Pyridine	3.769	79	180948	33.984	ng		88
4) n-Nitrosodimethylamine	3.681	42	93328	35.550	ng		81
6) Aniline	7.216	93	296136	42.283	ng		96
8) 2-Chlorophenol	7.457	128	250299	47.616	ng		89
9) Benzaldehyde	7.028	77	133330	33.598	ng		89
10) Phenol	7.093	94	275969	44.257	ng		95
11) bis(2-Chloroethyl)ether	7.310	93	203813	43.417	ng		92
12) 1,3-Dichlorobenzene	7.781	146	292443	49.113	ng		94
13) 1,4-Dichlorobenzene	7.922	146	298230	48.938	ng		98
14) 1,2-Dichlorobenzene	8.239	146	283886	48.931	ng		99
15) Benzyl Alcohol	8.134	79	197181	43.274	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.422	45	222546	29.253	ng		89
17) 2-Methylphenol	8.339	107	194225	45.871	ng		95
18) Hexachloroethane	8.969	117	99019	44.269	ng	#	83
19) n-Nitroso-di-n-propyla...	8.698	70	153102	38.356	ng	#	87
20) 3+4-Methylphenols	8.669	107	257065	44.372	ng		97
22) Acetophenone	8.716	105	343606	47.162	ng	#	92
24) Nitrobenzene	9.092	77	233063	41.591	ng		91
25) Isophorone	9.622	82	415367	44.596	ng		95
26) 2-Nitrophenol	9.804	139	137680	56.305	ng	#	88
27) 2,4-Dimethylphenol	9.869	122	215397	57.124	ng		99
28) bis(2-Chloroethoxy)met...	10.104	93	259747	48.459	ng		98
29) 2,4-Dichlorophenol	10.339	162	246482	55.443	ng		97
30) 1,2,4-Trichlorobenzene	10.557	180	284950	56.627	ng		98
31) Naphthalene	10.739	128	732418	47.196	ng		99
32) Benzoic acid	10.016	122	159794	52.822	ng		95
33) 4-Chloroaniline	10.851	127	200351	32.095	ng		95
34) Hexachlorobutadiene	11.033	225	191735	61.712	ng		99
35) Caprolactam	11.639	113	64321	50.094	ng	#	73
36) 4-Chloro-3-methylphenol	11.986	107	222060	48.270	ng		97
37) 2-Methylnaphthalene	12.351	142	517405	48.118	ng		98
38) 1-Methylnaphthalene	12.569	142	494705	47.112	ng		100
40) 1,2,4,5-Tetrachloroben...	12.722	216	333151	62.775	ng	#	97
41) Hexachlorocyclopentadiene	12.704	237	446334	140.468	ng		98
43) 2,4,6-Trichlorophenol	12.963	196	210679	58.642	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.039	196	223556	56.037	ng	#	90
46) 1,1'-Biphenyl	13.363	154	695764	49.551	ng		97
47) 2-Chloronaphthalene	13.404	162	549225	50.191	ng		98
48) 2-Nitroaniline	13.604	65	125800	39.964	ng		86
49) Acenaphthylene	14.251	152	869006	51.581	ng		99
50) Dimethylphthalate	13.986	163	650947	46.846	ng	#	98
51) 2,6-Dinitrotoluene	14.104	165	148130	52.359	ng	#	78
52) Acenaphthene	14.592	154	493773	43.259	ng		99
53) 3-Nitroaniline	14.433	138	99920	32.918	ng		89
54) 2,4-Dinitrophenol	14.645	184	192022	115.392	ng	#	75
55) Dibenzofuran	14.927	168	813480	49.921	ng		93
56) 4-Nitrophenol	14.751	139	238539	96.213	ng	#	83
57) 2,4-Dinitrotoluene	14.892	165	200172	52.785	ng	#	83
58) Fluorene	15.574	166	646631	47.772	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.157	232	198680	58.580	ng	#	82
60) Diethylphthalate	15.351	149	624349	44.114	ng		96
61) 4-Chlorophenyl-phenyle...	15.568	204	355247	54.840	ng		90
62) 4-Nitroaniline	15.592	138	136747	43.507	ng		93
63) Azobenzene	15.863	77	471748	36.546	ng		88
65) 4,6-Dinitro-2-methylph...	15.657	198	121065	51.107	ng		83
66) n-Nitrosodiphenylamine	15.780	169	560043	46.633	ng		99
67) 4-Bromophenyl-phenylether	16.462	248	230897	57.322	ng	#	88
68) Hexachlorobenzene	16.580	284	268104	58.954	ng	#	85
69) Atrazine	16.739	200	211829	52.538	ng		94
70) Pentachlorophenol	16.927	266	347750	122.043	ng		99
71) Phenanthrene	17.315	178	1024751	46.400	ng		99
72) Anthracene	17.404	178	1043932	48.953	ng		99
73) Carbazole	17.674	167	926539	47.572	ng		97
74) Di-n-butylphthalate	18.245	149	1073584	43.323	ng		99
75) Fluoranthene	19.327	202	1260085	51.960	ng		97
77) Benzidine	19.509	184	889588	62.600	ng		100
78) Pyrene	19.692	202	1298461	42.210	ng		99
80) Butylbenzylphthalate	20.592	149	489196	36.230	ng	#	86
81) Benzo(a)anthracene	21.439	228	1430917	46.100	ng		99
82) 3,3'-Dichlorobenzidine	21.368	252	415530	45.931	ng	#	98
83) Chrysene	21.492	228	1358986	45.837	ng		99
84) Bis(2-ethylhexyl)phtha...	21.368	149	731742	35.243	ng	#	97
85) Di-n-octyl phthalate	22.292	149	1323473	38.666	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.297	276	2130758	48.998	ng	#	94
88) Benzo(b)fluoranthene	23.109	252	1718111	47.759	ng	#	98
89) Benzo(k)fluoranthene	23.156	252	1639670	45.025	ng	#	98
90) Benzo(a)pyrene	23.727	252	1675270	56.053	ng	#	97
91) Dibenzo(a,h)anthracene	26.309	278	1862834	51.067	ng		97
92) Benzo(g,h,i)perylene	27.056	276	1851688	52.830	ng	#	94

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

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