Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060122\
Data File : BM035350.D
Acq On : 01 Jun 2022 17:03
Operator : CG/JU
Sample : N2953-06MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P044-SS001-0612-01MS

Quant Time: Jun 02 08:49:59 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	7.863	152	116548	20.000	ng		-0.01
21) Naphthalene-d8	10.663	136	420628	20.000	ng		#-0.01
39) Acenaphthene-d10	14.504	164	256139	20.000	ng		-0.01
64) Phenanthrene-d10	17.251	188	580461	20.000	ng		0.00
76) Chrysene-d12	21.439	240	687870	20.000	ng		# 0.00
86) Perylene-d12	23.803	264	750563	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.452	112	631699	100.075	ng		0.00
7) Phenol-d6	7.051	99	779318	95.347	ng		0.00
23) Nitrobenzene-d5	9.022	82	482602	63.159	ng		-0.01
42) 2,4,6-Tribromophenol	15.998	330	384236	115.634	ng		0.00
45) 2-Fluorobiphenyl	13.128	172	1213801	65.716	ng		-0.01
79) Terphenyl-d14	19.874	244	2153028	55.463	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	91857	37.158	ng	#	90
3) Pyridine	3.746	79	235286	36.583	ng		90
4) n-Nitrosodimethylamine	3.658	42	123262	39.350	ng	#	70
6) Aniline	7.193	93	256701	29.560	ng		96
8) 2-Chlorophenol	7.434	128	338462	47.649	ng		93
9) Benzaldehyde	7.004	77	173176	40.865	ng		92
10) Phenol	7.075	94	373836	46.931	ng		94
11) bis(2-Chloroethyl)ether	7.287	93	288451	46.327	ng		91
12) 1,3-Dichlorobenzene	7.751	146	389962	47.499	ng		95
13) 1,4-Dichlorobenzene	7.898	146	396093	47.238	ng		98
14) 1,2-Dichlorobenzene	8.216	146	380854	46.800	ng		98
15) Benzyl Alcohol	8.110	79	262015m	45.070	ng		
16) 2,2'-oxybis(1-Chloropr...	8.393	45	324955	38.831	ng		94
17) 2-Methylphenol	8.322	107	260146	46.578	ng		95
18) Hexachloroethane	8.940	117	121783	42.400	ng	#	88
19) n-Nitroso-di-n-propyla...	8.681	70	207510	41.165	ng		86
20) 3+4-Methylphenols	8.651	107	348766	45.619	ng		94
22) Acetophenone	8.693	105	462024	46.157	ng	#	91
24) Nitrobenzene	9.069	77	316203	44.867	ng		93
25) Isophorone	9.598	82	567686	49.087	ng		96
26) 2-Nitrophenol	9.781	139	180583	49.660	ng		88
27) 2,4-Dimethylphenol	9.851	122	286227	56.197	ng		99
28) bis(2-Chloroethoxy)met...	10.081	93	351124	44.896	ng		99
29) 2,4-Dichlorophenol	10.328	162	324171	50.537	ng		98
30) 1,2,4-Trichlorobenzene	10.528	180	372086	48.589	ng		99
31) Naphthalene	10.716	128	975566	47.598	ng		100
32) Benzoic acid	10.034	122	216460	47.179	ng		92
33) 4-Chloroaniline	10.834	127	196653	24.224	ng		95
34) Hexachlorobutadiene	11.004	225	239955	47.888	ng		100
35) Caprolactam	11.634	113	88229	50.125	ng	#	82
36) 4-Chloro-3-methylphenol	11.975	107	297110	46.622	ng		97
37) 2-Methylnaphthalene	12.328	142	678091	46.920	ng		97
38) 1-Methylnaphthalene	12.545	142	654825	46.351	ng		100
40) 1,2,4,5-Tetrachloroben...	12.698	216	423322	51.609	ng	#	96
41) Hexachlorocyclopentadiene	12.680	237	153487	34.063	ng		98
43) 2,4,6-Trichlorophenol	12.945	196	273959	51.252	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	291987	51.353	ng	#	91
46) 1,1'-Biphenyl	13.339	154	906293	48.022	ng		98
47) 2-Chloronaphthalene	13.380	162	717054	49.002	ng		98
48) 2-Nitroaniline	13.586	65	179915	49.275	ng		87
49) Acenaphthylene	14.227	152	1134570	52.001	ng		99
50) Dimethylphthalate	13.969	163	844467	46.490	ng		99
51) 2,6-Dinitrotoluene	14.086	165	192350	51.584	ng	#	76
52) Acenaphthene	14.569	154	651660	49.045	ng		99
53) 3-Nitroaniline	14.416	138	161853	43.812	ng		93
54) 2,4-Dinitrophenol	14.633	184	90868	38.152	ng	#	76
55) Dibenzofuran	14.904	168	1073001	47.949	ng		94
56) 4-Nitrophenol	14.751	139	333436	117.073	ng	#	81
57) 2,4-Dinitrotoluene	14.880	165	264874	52.955	ng	#	82
58) Fluorene	15.551	166	866201	49.645	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.139	232	261500	51.963	ng	#	84
60) Diethylphthalate	15.327	149	830699	46.806	ng		97
61) 4-Chlorophenyl-phenyle...	15.545	204	461177	48.547	ng		90
62) 4-Nitroaniline	15.580	138	197466	52.923	ng		88
63) Azobenzene	15.839	77	653857	43.547	ng		90
65) 4,6-Dinitro-2-methylph...	15.645	198	69416	19.068	ng		83
66) n-Nitrosodiphenylamine	15.763	169	752441	45.008	ng		99
67) 4-Bromophenyl-phenylether	16.439	248	299325	46.119	ng	#	89
68) Hexachlorobenzene	16.563	284	350352	48.458	ng	#	86
69) Atrazine	16.721	200	277716	49.908	ng		95
70) Pentachlorophenol	16.910	266	456913	109.417	ng		98
71) Phenanthrene	17.292	178	1432076	48.019	ng		99
72) Anthracene	17.386	178	1475931	50.699	ng		99
73) Carbazole	17.657	167	1333343	48.161	ng		98
74) Di-n-butylphthalate	18.221	149	1517077	47.228	ng		99
75) Fluoranthene	19.309	202	1852245	53.026	ng		98
77) Benzidine	19.498	184	121987	8.755	ng		96
78) Pyrene	19.674	202	1915279	42.441	ng		100
80) Butylbenzylphthalate	20.568	149	757854	43.906	ng		90
81) Benzo(a)anthracene	21.421	228	2070086	47.589	ng		99
82) 3,3'-Dichlorobenzidine	21.351	252	527656	48.994	ng	#	99
83) Chrysene	21.474	228	1920195	46.764	ng		99
84) Bis(2-ethylhexyl)phtha...	21.351	149	1141021	46.755	ng	#	95
85) Di-n-octyl phthalate	22.262	149	2038380	50.347	ng	#	93
87) Indeno(1,2,3-cd)pyrene	26.268	276	2477752	48.452	ng		95
88) Benzo(b)fluoranthene	23.086	252	2221450	49.058	ng		98
89) Benzo(k)fluoranthene	23.133	252	2105872	47.070	ng		99
90) Benzo(a)pyrene	23.703	252	2119433	56.471	ng	#	98
91) Dibenzo(a,h)anthracene	26.280	278	2172251	51.137	ng		97
92) Benzo(g,h,i)perylene	27.015	276	2141924	50.557	ng		95

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

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