Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060122\
Data File : BM035351.D
Acq On : 01 Jun 2022 17:40
Operator : CG/JU
Sample : N2953-07MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jun 02 08:50:47 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	132268	20.000	ng		-0.01
21) Naphthalene-d8	10.663	136	459400	20.000	ng		#-0.01
39) Acenaphthene-d10	14.504	164	270070	20.000	ng		-0.01
64) Phenanthrene-d10	17.251	188	578151	20.000	ng		# 0.00
76) Chrysene-d12	21.439	240	663748	20.000	ng		# 0.00
86) Perylene-d12	23.803	264	734713	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	701467	97.920	ng		0.00
7) Phenol-d6	7.051	99	859964	92.709	ng		0.00
23) Nitrobenzene-d5	9.028	82	536007	64.228	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	390210	111.374	ng		0.00
45) 2-Fluorobiphenyl	13.127	172	1332768	68.435	ng		-0.01
79) Terphenyl-d14	19.874	244	2116760	56.511	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	98638	35.158	ng	#	88
3) Pyridine	3.746	79	293153	40.163	ng	#	87
4) n-Nitrosodimethylamine	3.657	42	154169	43.367	ng	#	67
6) Aniline	7.192	93	317561	32.222	ng		95
8) 2-Chlorophenol	7.434	128	379117	47.030	ng		91
9) Benzaldehyde	7.004	77	195481	40.646	ng		91
10) Phenol	7.081	94	413901	45.785	ng		93
11) bis(2-Chloroethyl)ether	7.293	93	323624	45.799	ng		90
12) 1,3-Dichlorobenzene	7.751	146	434276m	46.610	ng		
13) 1,4-Dichlorobenzene	7.898	146	446869	46.960	ng		98
14) 1,2-Dichlorobenzene	8.216	146	424489	45.962	ng		99
15) Benzyl Alcohol	8.116	79	290046m	43.962	ng		
16) 2,2'-oxybis(1-Chloropr...	8.404	45	351040	36.963	ng		91
17) 2-Methylphenol	8.328	107	286374	45.180	ng		95
18) Hexachloroethane	8.939	117	133189	40.860	ng	#	85
19) n-Nitroso-di-n-propyla...	8.681	70	231959	40.546	ng	#	85
20) 3+4-Methylphenols	8.657	107	383991	44.257	ng		96
22) Acetophenone	8.692	105	516258	47.222	ng	#	91
24) Nitrobenzene	9.069	77	351792	45.704	ng		94
25) Isophorone	9.604	82	622517	49.285	ng	#	94
26) 2-Nitrophenol	9.781	139	200603	50.509	ng		87
27) 2,4-Dimethylphenol	9.851	122	321005	57.706	ng		99
28) bis(2-Chloroethoxy)met...	10.081	93	395474	46.299	ng		99
29) 2,4-Dichlorophenol	10.328	162	354092	50.542	ng		98
30) 1,2,4-Trichlorobenzene	10.533	180	415065	49.627	ng		97
31) Naphthalene	10.716	128	1075194	48.031	ng		100
32) Benzoic acid	10.034	122	211178	42.453	ng		94
33) 4-Chloroaniline	10.833	127	214437	24.185	ng		95
34) Hexachlorobutadiene	11.004	225	271250	49.565	ng		99
35) Caprolactam	11.639	113	93418	48.594	ng	#	74
36) 4-Chloro-3-methylphenol	11.975	107	313345	45.019	ng		98
37) 2-Methylnaphthalene	12.327	142	747245	47.341	ng		98
38) 1-Methylnaphthalene	12.545	142	714247	46.290	ng		99
40) 1,2,4,5-Tetrachloroben...	12.698	216	461768	53.392	ng	#	96
41) Hexachlorocyclopentadiene	12.680	237	158783	33.518	ng		98
43) 2,4,6-Trichlorophenol	12.945	196	290308	51.509	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.027	196	307134	51.231	ng	#	91
46) 1,1'-Biphenyl	13.339	154	984037	49.452	ng		98
47) 2-Chloronaphthalene	13.380	162	773658	50.143	ng		97
48) 2-Nitroaniline	13.592	65	186125	48.347	ng	#	82
49) Acenaphthylene	14.227	152	1189267	51.696	ng		99
50) Dimethylphthalate	13.969	163	910834	47.557	ng		99
51) 2,6-Dinitrotoluene	14.086	165	198319	50.442	ng	#	77
52) Acenaphthene	14.569	154	680131	48.547	ng		99
53) 3-Nitroaniline	14.416	138	168358	43.222	ng		91
54) 2,4-Dinitrophenol	14.633	184	86328	34.376	ng	#	74
55) Dibenzofuran	14.904	168	1112712	47.158	ng		93
56) 4-Nitrophenol	14.751	139	317490	105.724	ng	#	82
57) 2,4-Dinitrotoluene	14.880	165	266483	50.528	ng	#	83
58) Fluorene	15.551	166	888425	48.292	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.139	232	267396	50.394	ng	#	82
60) Diethylphthalate	15.327	149	878069	46.923	ng		96
61) 4-Chlorophenyl-phenyle...	15.545	204	482098	48.132	ng		90
62) 4-Nitroaniline	15.580	138	193502	49.186	ng		89
63) Azobenzene	15.839	77	661703	41.796	ng		88
65) 4,6-Dinitro-2-methylph...	15.645	198	67931	18.734	ng		84
66) n-Nitrosodiphenylamine	15.763	169	770826	46.292	ng		100
67) 4-Bromophenyl-phenylether	16.439	248	311550	48.194	ng	#	88
68) Hexachlorobenzene	16.562	284	355842	49.414	ng	#	86
69) Atrazine	16.721	200	284836	51.392	ng		95
70) Pentachlorophenol	16.910	266	444947	106.977	ng		99
71) Phenanthrene	17.292	178	1422328	47.883	ng		99
72) Anthracene	17.386	178	1462751	50.447	ng		99
73) Carbazole	17.657	167	1290310	46.792	ng		98
74) Di-n-butylphthalate	18.221	149	1520082	47.511	ng		99
75) Fluoranthene	19.309	202	1773513	50.975	ng		98
77) Benzidine	19.498	184	171011	12.719	ng		98
78) Pyrene	19.674	202	1832355	42.079	ng		100
80) Butylbenzylphthalate	20.568	149	746872	44.842	ng	#	90
81) Benzo(a)anthracene	21.421	228	2008468	47.850	ng		99
82) 3,3'-Dichlorobenzidine	21.350	252	550497	52.973	ng	#	98
83) Chrysene	21.474	228	1864044	47.046	ng		99
84) Bis(2-ethylhexyl)phtha...	21.350	149	1124535	47.754	ng	#	96
85) Di-n-octyl phthalate	22.262	149	1961477	50.208	ng	#	93
87) Indeno(1,2,3-cd)pyrene	26.268	276	2443927	48.822	ng		95
88) Benzo(b)fluoranthene	23.086	252	2139608	48.270	ng		99
89) Benzo(k)fluoranthene	23.133	252	2069306	47.251	ng		98
90) Benzo(a)pyrene	23.703	252	2038904	55.497	ng		98
91) Dibenzo(a,h)anthracene	26.279	278	2130723	51.242	ng		97
92) Benzo(g,h,i)perylene	27.021	276	2105582	50.772	ng	#	95

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

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