

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042822\
 Data File : BG053369.D
 Acq On : 28 Apr 2022 16:46
 Operator : CG/JU
 Sample : N2577-11MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GT-04-(25-30)MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/29/2022
 Supervised By : Jagrut Upadhyay 04/29/2022

Quant Time: Apr 29 03:22:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	27312	20.000	ng	0.00
21) Naphthalene-d8	10.918	136	105817	20.000	ng	0.00
39) Acenaphthene-d10	14.725	164	75896	20.000	ng	0.00
64) Phenanthrene-d10	17.474	188	183432	20.000	ng	# 0.00
76) Chrysene-d12	21.762	240	189870	20.000	ng	0.00
86) Perylene-d12	25.052	264	200642	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	199180	125.011	ng	0.00
7) Phenol-d6	7.270	99	283569	115.411	ng	0.00
23) Nitrobenzene-d5	9.268	82	193872	74.391	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	128571	106.479	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	384280	69.817	ng	0.00
79) Terphenyl-d14	20.076	244	757429	67.374	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.546	88	37991	49.930	ng	95
3) Pyridine	3.951	79	91238	45.464	ng	93
4) n-Nitrosodimethylamine	3.863	42	54129	54.468	ng	89
6) Aniline	7.423	93	95128	33.407	ng	95
8) 2-Chlorophenol	7.670	128	91295	53.076	ng	94
9) Benzaldehyde	7.235	77	68710m	46.783	ng	
10) Phenol	7.294	94	126784	51.839	ng	91
11) bis(2-Chloroethyl)ether	7.511	93	90149	51.134	ng	93
12) 1,3-Dichlorobenzene	7.993	146	104244	52.154	ng	93
13) 1,4-Dichlorobenzene	8.140	146	100803	49.468	ng	96
14) 1,2-Dichlorobenzene	8.457	146	98622	50.189	ng	99
15) Benzyl Alcohol	8.339	79	103370m	47.332	ng	
16) 2,2'-oxybis(1-Chloropr...	8.627	45	141601	48.108	ng	97
17) 2-Methylphenol	8.551	107	84295	50.933	ng	96
18) Hexachloroethane	9.191	117	39840	52.137	ng	96
19) n-Nitroso-di-n-propyla...	8.903	70	81909	45.535	ng	96
20) 3+4-Methylphenols	8.874	107	115024	49.233	ng	91
22) Acetophenone	8.927	105	145700	49.631	ng	# 98
24) Nitrobenzene	9.309	77	127286	50.214	ng	91
25) Isophorone	9.832	82	225703	50.953	ng	# 95
26) 2-Nitrophenol	10.025	139	52012	49.069	ng	# 91
27) 2,4-Dimethylphenol	10.084	122	89595	59.018	ng	98
28) bis(2-Chloroethoxy)met...	10.307	93	118235	47.511	ng	98
29) 2,4-Dichlorophenol	10.566	162	97061	50.858	ng	97
30) 1,2,4-Trichlorobenzene	10.777	180	102895	47.637	ng	97
31) Naphthalene	10.965	128	274512	48.625	ng	99
32) Benzoic acid	10.237	122	52810	53.040	ng	89
33) 4-Chloroaniline	11.071	127	58232	24.086	ng	98
34) Hexachlorobutadiene	11.247	225	74806	46.623	ng	98
35) Caprolactam	11.835	113	34113m	50.711	ng	
36) 4-Chloro-3-methylphenol	12.193	107	104759	47.150	ng	95
37) 2-Methylnaphthalene	12.563	142	189819	45.439	ng	96
38) 1-Methylnaphthalene	12.781	142	186376	45.707	ng	# 91
40) 1,2,4,5-Tetrachloroben...	12.933	216	123149	47.775	ng	99
41) Hexachlorocyclopentadiene	12.910	237	115996	87.172	ng	99
43) 2,4,6-Trichlorophenol	13.168	196	82866	46.626	ng	98

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44) 2,4,5-Trichlorophenol	13.245	196	91530	48.330	ng	95
46) 1,1'-Biphenyl	13.562	154	260056	47.581	ng	99
47) 2-Chloronaphthalene	13.609	162	203359	46.636	ng	97
48) 2-Nitroaniline	13.809	65	76626	46.305	ng	96
49) Acenaphthylene	14.455	152	341660	50.053	ng	97
50) Dimethylphthalate	14.179	163	270933	44.631	ng	99
51) 2,6-Dinitrotoluene	14.296	165	58392	46.108	ng	# 76
52) Acenaphthene	14.795	154	247810m	53.534	ng	
53) 3-Nitroaniline	14.631	138	34837	26.015	ng	# 80
54) 2,4-Dinitrophenol	14.842	184	74606	92.587	ng	90
55) Dibenzofuran	15.124	168	326221	45.006	ng	98
56) 4-Nitrophenol	14.948	139	98608	96.552	ng	# 84
57) 2,4-Dinitrotoluene	15.083	165	85092	47.195	ng	88
58) Fluorene	15.776	166	269916	46.106	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.353	232	85310	46.385	ng	98
60) Diethylphthalate	15.536	149	282461	44.410	ng	100
61) 4-Chlorophenyl-phenyle...	15.759	204	147323	44.393	ng	96
62) 4-Nitroaniline	15.794	138	59435	42.061	ng	# 81
63) Azobenzene	16.053	77	290149	45.247	ng	97
65) 4,6-Dinitro-2-methylph...	15.853	198	52600	41.102	ng	96
66) n-Nitrosodiphenylamine	15.976	169	241622	45.806	ng	99
67) 4-Bromophenyl-phenylether	16.658	248	105469	44.873	ng	98
68) Hexachlorobenzene	16.787	284	116030	45.584	ng	96
69) Atrazine	16.922	200	105360	51.134	ng	98
70) Pentachlorophenol	17.128	266	136605	98.198	ng	94
71) Phenanthrene	17.515	178	468177	46.727	ng	97
72) Anthracene	17.609	178	467766	47.125	ng	99
73) Carbazole	17.874	167	432199	44.793	ng	100
74) Di-n-butylphthalate	18.420	149	505758	46.217	ng	98
75) Fluoranthene	19.524	202	600190	46.732	ng	100
77) Benzidine	19.695	184	330274	60.967	ng	99
78) Pyrene	19.889	202	609194	45.050	ng	98
80) Butylbenzylphthalate	20.758	149	235411	46.695	ng	98
81) Benzo(a)anthracene	21.739	228	614351	47.324	ng	99
82) 3,3'-Dichlorobenzidine	21.645	252	139015	29.117	ng	99
83) Chrysene	21.804	228	555895	46.139	ng	99
84) Bis(2-ethylhexyl)phtha...	21.627	149	329763	48.391	ng	98
85) Di-n-octyl phthalate	22.861	149	563297	49.425	ng	97
87) Indeno(1,2,3-cd)pyrene	28.835	276	693115	46.497	ng	# 95
88) Benzo(b)fluoranthene	24.006	252	645635	51.001	ng	98
89) Benzo(k)fluoranthene	24.077	252	599375	48.174	ng	98
90) Benzo(a)pyrene	24.899	252	610855	56.641	ng	97
91) Dibenzo(a,h)anthracene	28.888	278	589805	48.073	ng	98
92) Benzo(g,h,i)perylene	30.016	276	592110	48.964	ng	94

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

