

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040822\
 Data File : BG053087.D
 Acq On : 8 Apr 2022 17:02
 Operator : CG/JU
 Sample : PB143914BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143914BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/11/2022
 Supervised By : Jagrut Upadhyay 04/11/2022

Quant Time: Apr 08 17:49:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	28542	20.000	ng	0.00
21) Naphthalene-d8	10.936	136	115911	20.000	ng	# 0.00
39) Acenaphthene-d10	14.743	164	90369	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	216667	20.000	ng	0.00
76) Chrysene-d12	21.774	240	219063	20.000	ng	# 0.00
86) Perylene-d12	25.076	264	224728	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	225724	135.566	ng	0.00
7) Phenol-d6	7.282	99	321728	125.299	ng	0.00
23) Nitrobenzene-d5	9.285	82	225108	78.855	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	175034	121.743	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	514887	78.565	ng	0.00
79) Terphenyl-d14	20.094	244	1075303	82.902	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.564	88	27036	34.001	ng	# 95
3) Pyridine	3.963	79	70114	33.432	ng	# 83
4) n-Nitrosodimethylamine	3.875	42	46356	44.636	ng	85
6) Aniline	7.441	93	116975	39.309	ng	94
8) 2-Chlorophenol	7.687	128	87494	48.674	ng	91
9) Benzaldehyde	7.253	77	70625	46.015	ng	92
10) Phenol	7.306	94	118361	46.310	ng	88
11) bis(2-Chloroethyl)ether	7.529	93	83535	45.340	ng	93
12) 1,3-Dichlorobenzene	8.016	146	92291	44.184	ng	93
13) 1,4-Dichlorobenzene	8.157	146	93763	44.031	ng	96
14) 1,2-Dichlorobenzene	8.480	146	90050	43.852	ng	97
15) Benzyl Alcohol	8.357	79	103423	45.315	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.645	45	131749	42.832	ng	96
17) 2-Methylphenol	8.563	107	81867	47.334	ng	91
18) Hexachloroethane	9.215	117	36128	45.242	ng	92
19) n-Nitroso-di-n-propyla...	8.921	70	79968	42.540	ng	96
20) 3+4-Methylphenols	8.886	107	112923	46.250	ng	95
22) Acetophenone	8.944	105	137222	42.672	ng	# 97
24) Nitrobenzene	9.326	77	122736	44.202	ng	92
25) Isophorone	9.849	82	220498	45.443	ng	# 97
26) 2-Nitrophenol	10.037	139	52005	44.789	ng	# 94
27) 2,4-Dimethylphenol	10.096	122	86837	52.220	ng	# 83
28) bis(2-Chloroethoxy)met...	10.325	93	117649	43.159	ng	99
29) 2,4-Dichlorophenol	10.583	162	95657	45.758	ng	94
30) 1,2,4-Trichlorobenzene	10.795	180	98473	41.620	ng	98
31) Naphthalene	10.989	128	264997	42.852	ng	99
32) Benzoic acid	10.243	122	45777	42.730	ng	# 86
33) 4-Chloroaniline	11.083	127	67586	25.521	ng	97
34) Hexachlorobutadiene	11.271	225	74114	42.169	ng	96
35) Caprolactam	11.846	113	34278m	46.519	ng	
36) 4-Chloro-3-methylphenol	12.205	107	110794	45.524	ng	93
37) 2-Methylnaphthalene	12.581	142	198975	43.483	ng	97
38) 1-Methylnaphthalene	12.798	142	194055m	43.446	ng	
40) 1,2,4,5-Tetrachloroben...	12.951	216	129221	42.102	ng	96
41) Hexachlorocyclopentadiene	12.933	237	170927	107.881	ng	93
43) 2,4,6-Trichlorophenol	13.186	196	92573	43.746	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.256	196	99450	44.102	ng	97
46) 1,1'-Biphenyl	13.579	154	273876	42.084	ng	97
47) 2-Chloronaphthalene	13.626	162	218023	41.992	ng	97
48) 2-Nitroaniline	13.820	65	85728	43.508	ng	91
49) Acenaphthylene	14.472	152	373910	46.005	ng	98
50) Dimethylphthalate	14.190	163	306222	42.366	ng	100
51) 2,6-Dinitrotoluene	14.308	165	68528	45.446	ng	# 82
52) Acenaphthene	14.813	154	272106m	49.368	ng	
53) 3-Nitroaniline	14.643	138	48763	30.583	ng	# 89
54) 2,4-Dinitrophenol	14.848	184	87754	91.463	ng	# 85
55) Dibenzofuran	15.142	168	353426	40.951	ng	97
56) 4-Nitrophenol	14.954	139	112936	92.871	ng	# 80
57) 2,4-Dinitrotoluene	15.101	165	96770	45.077	ng	# 87
58) Fluorene	15.794	166	295166	42.344	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.371	232	97290	44.427	ng	98
60) Diethylphthalate	15.553	149	321294	42.425	ng	99
61) 4-Chlorophenyl-phenyle...	15.776	204	163519	41.382	ng	98
62) 4-Nitroaniline	15.806	138	71042	42.224	ng	# 84
63) Azobenzene	16.070	77	320337	41.954	ng	97
65) 4,6-Dinitro-2-methylph...	15.865	198	60138	39.784	ng	96
66) n-Nitrosodiphenylamine	15.994	169	271424	43.563	ng	99
67) 4-Bromophenyl-phenylether	16.669	248	118947	42.844	ng	96
68) Hexachlorobenzene	16.799	284	131752	43.821	ng	91
69) Atrazine	16.934	200	118012	48.489	ng	98
70) Pentachlorophenol	17.139	266	155907	94.882	ng	90
71) Phenanthrene	17.533	178	514689	43.490	ng	98
72) Anthracene	17.621	178	521137	44.448	ng	99
73) Carbazole	17.891	167	481099	42.213	ng	99
74) Di-n-butylphthalate	18.438	149	561028	43.404	ng	98
75) Fluoranthene	19.536	202	669077	44.105	ng	99
77) Benzidine	19.706	184	416564	66.648	ng	99
78) Pyrene	19.900	202	670266	42.961	ng	98
80) Butylbenzylphthalate	20.776	149	250703	43.102	ng	99
81) Benzo(a)anthracene	21.757	228	656236	43.814	ng	98
82) 3,3'-Dichlorobenzidine	21.663	252	161357	29.293	ng	99
83) Chrysene	21.821	228	595331	42.828	ng	100
84) Bis(2-ethylhexyl)phtha...	21.645	149	352016	44.773	ng	98
85) Di-n-octyl phthalate	22.884	149	584703	44.467	ng	96
87) Indeno(1,2,3-cd)pyrene	28.859	276	720760	43.169	ng	# 96
88) Benzo(b)fluoranthene	24.030	252	664618	46.873	ng	98
89) Benzo(k)fluoranthene	24.095	252	640880	45.989	ng	98
90) Benzo(a)pyrene	24.923	252	636941	52.730	ng	98
91) Dibenzo(a,h)anthracene	28.923	278	625991	45.554	ng	97
92) Benzo(g,h,i)perylene	30.051	276	619549	45.742	ng	99

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

