

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061722\
 Data File : BG053933.D
 Acq On : 17 Jun 2022 13:38
 Operator : CG/JU
 Sample : PB145578BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145578BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/20/2022
 Supervised By : Jagrut Upadhyay 06/20/2022

Quant Time: Jun 17 23:59:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 15:49:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	24725	20.000	ng	# 0.00
21) Naphthalene-d8	10.897	136	97072	20.000	ng	# 0.00
39) Acenaphthene-d10	14.710	164	70970	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	181223	20.000	ng	# 0.00
76) Chrysene-d12	21.731	240	221047	20.000	ng	0.00
86) Perylene-d12	24.992	264	224717	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	165888	128.276	ng	0.00
7) Phenol-d6	7.242	99	211656	120.648	ng	0.00
23) Nitrobenzene-d5	9.246	82	137440	79.566	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	151614	132.965	ng	0.00
45) 2-Fluorobiphenyl	13.335	172	386141	79.118	ng	0.00
79) Terphenyl-d14	20.062	244	892604	81.330	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.540	88	15757	27.873	ng	90
3) Pyridine	3.940	79	40981	27.166	ng	98
4) n-Nitrosodimethylamine	3.852	42	30698	46.262	ng	# 93
6) Aniline	7.407	93	71920	34.578	ng	99
8) 2-Chlorophenol	7.653	128	62963	45.598	ng	92
9) Benzaldehyde	7.213	77	14629	14.129	ng	90
10) Phenol	7.271	94	78343	44.064	ng	98
11) bis(2-Chloroethyl)ether	7.501	93	55878	40.947	ng	96
12) 1,3-Dichlorobenzene	7.976	146	71386	41.258	ng	93
13) 1,4-Dichlorobenzene	8.123	146	72820	41.898	ng	98
14) 1,2-Dichlorobenzene	8.441	146	70792	42.430	ng	98
15) Benzyl Alcohol	8.317	79	59834	45.633	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.611	45	80961	39.687	ng	97
17) 2-Methylphenol	8.523	107	53220	43.090	ng	94
18) Hexachloroethane	9.175	117	25306	43.890	ng	# 77
19) n-Nitroso-di-n-propyla...	8.887	70	47326	40.154	ng	# 92
20) 3+4-Methylphenols	8.852	107	71439	41.245	ng	97
22) Acetophenone	8.905	105	94231	39.936	ng	# 97
24) Nitrobenzene	9.287	77	70776	41.608	ng	# 87
25) Isophorone	9.810	82	127924	39.653	ng	# 93
26) 2-Nitrophenol	9.998	139	33896	45.116	ng	88
27) 2,4-Dimethylphenol	10.056	122	59619	49.026	ng	94
28) bis(2-Chloroethoxy)met...	10.291	93	74144	42.662	ng	# 98
29) 2,4-Dichlorophenol	10.538	162	72132	44.241	ng	93
30) 1,2,4-Trichlorobenzene	10.756	180	84468	41.840	ng	94
31) Naphthalene	10.944	128	188823	38.532	ng	99
32) Benzoic acid	10.221	122	20432m	40.784	ng	
33) 4-Chloroaniline	11.043	127	49659	24.427	ng	94
34) Hexachlorobutadiene	11.237	225	67772	43.664	ng	93
35) Caprolactam	11.813	113	20195m	44.993	ng	
36) 4-Chloro-3-methylphenol	12.160	107	66360	41.868	ng	# 83
37) 2-Methylnaphthalene	12.548	142	138612	38.231	ng	97
38) 1-Methylnaphthalene	12.765	142	135006	38.242	ng	96
40) 1,2,4,5-Tetrachloroben...	12.912	216	118032	43.162	ng	95
41) Hexachlorocyclopentadiene	12.894	237	133042	104.481	ng	98
43) 2,4,6-Trichlorophenol	13.147	196	68420	44.541	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.217	196	73562	42.889	ng	# 92
46) 1,1'-Biphenyl	13.546	154	198754	40.205	ng	97
47) 2-Chloronaphthalene	13.588	162	163037	40.752	ng	96
48) 2-Nitroaniline	13.781	65	45995	43.219	ng	90
49) Acenaphthylene	14.434	152	258066	41.483	ng	99
50) Dimethylphthalate	14.163	163	215462	39.864	ng	99
51) 2,6-Dinitrotoluene	14.275	165	48731	44.624	ng	# 77
52) Acenaphthene	14.774	154	179030m	45.147	ng	
53) 3-Nitroaniline	14.604	138	32626	30.838	ng	87
54) 2,4-Dinitrophenol	14.815	184	53876	88.582	ng	# 75
55) Dibenzofuran	15.109	168	258705	40.492	ng	94
56) 4-Nitrophenol	14.910	139	69787	92.910	ng	90
57) 2,4-Dinitrotoluene	15.062	165	67669	43.876	ng	87
58) Fluorene	15.756	166	207660	39.586	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.333	232	71973	42.909	ng	# 88
60) Diethylphthalate	15.521	149	206877	39.523	ng	96
61) 4-Chlorophenyl-phenyle...	15.744	204	132371	42.149	ng	# 88
62) 4-Nitroaniline	15.767	138	43095	39.059	ng	# 80
63) Azobenzene	16.038	77	164424	39.025	ng	91
65) 4,6-Dinitro-2-methylph...	15.826	198	40611	44.917	ng	80
66) n-Nitrosodiphenylamine	15.955	169	191565	40.560	ng	95
67) 4-Bromophenyl-phenylether	16.637	248	96900	42.812	ng	93
68) Hexachlorobenzene	16.760	284	110031	42.498	ng	# 91
69) Atrazine	16.901	200	87255	44.597	ng	92
70) Pentachlorophenol	17.107	266	142775	118.715	ng	97
71) Phenanthrene	17.495	178	368514	39.580	ng	98
72) Anthracene	17.589	178	370603	40.761	ng	98
73) Carbazole	17.853	167	325661	41.729	ng	98
74) Di-n-butylphthalate	18.411	149	367927	40.775	ng	# 97
75) Fluoranthene	19.504	202	507053	41.485	ng	96
77) Benzidine	19.674	184	150698	32.920	ng	99
78) Pyrene	19.863	202	513760	38.482	ng	99
80) Butylbenzylphthalate	20.744	149	171748	40.135	ng	88
81) Benzo(a)anthracene	21.713	228	577710	40.364	ng	99
82) 3,3'-Dichlorobenzidine	21.619	252	185372	43.351	ng	# 95
83) Chrysene	21.778	228	535807	39.274	ng	97
84) Bis(2-ethylhexyl)phtha...	21.619	149	248425	40.590	ng	# 94
85) Di-n-octyl phthalate	22.847	149	436375	41.483	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.734	276	702388	41.419	ng	99
88) Benzo(b)fluoranthene	23.964	252	614974	45.009	ng	# 99
89) Benzo(k)fluoranthene	24.034	252	597010	44.131	ng	# 97
90) Benzo(a)pyrene	24.845	252	591840	51.338	ng	99
91) Dibenzo(a,h)anthracene	28.799	278	616648	43.974	ng	96
92) Benzo(g,h,i)perylene	29.898	276	612259	44.242	ng	# 94

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

