

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
 Data File : BG053827.D
 Acq On : 6 Jun 2022 13:23
 Operator : CG/JU
 Sample : PB145261BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145261BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/07/2022
 Supervised By : Jagrut Upadhyay 06/07/2022

Quant Time: Jun 07 04:18:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.095	152	30375	20.000	ng	0.00
21) Naphthalene-d8	10.903	136	126281	20.000	ng	0.00
39) Acenaphthene-d10	14.710	164	88224	20.000	ng	0.00
64) Phenanthrene-d10	17.460	188	210928	20.000	ng	0.00
76) Chrysene-d12	21.737	240	224668	20.000	ng	0.00
86) Perylene-d12	25.004	264	225540	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	214806	129.863	ng	0.00
7) Phenol-d6	7.243	99	276017	123.187	ng	0.00
23) Nitrobenzene-d5	9.252	82	167650	87.181	ng	0.00
42) 2,4,6-Tribromophenol	16.197	330	140647	131.333	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	455321	77.208	ng	0.00
79) Terphenyl-d14	20.063	244	902408	79.907	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.547	88	23367	29.215	ng	91
3) Pyridine	3.946	79	59367	30.623	ng	93
4) n-Nitrosodimethylamine	3.858	42	38604	44.102	ng	94
6) Aniline	7.413	93	94332	34.591	ng	99
8) 2-Chlorophenol	7.654	128	79121	46.728	ng	96
9) Benzaldehyde	7.225	77	11123	7.445	ng	# 73
10) Phenol	7.272	94	104086	44.956	ng	95
11) bis(2-Chloroethyl)ether	7.507	93	74389	40.849	ng	96
12) 1,3-Dichlorobenzene	7.983	146	88318	40.988	ng	93
13) 1,4-Dichlorobenzene	8.130	146	87451	39.908	ng	97
14) 1,2-Dichlorobenzene	8.447	146	86965	41.426	ng	95
15) Benzyl Alcohol	8.324	79	73814	44.012	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.617	45	119343	37.353	ng	100
17) 2-Methylphenol	8.523	107	69476	43.900	ng	89
18) Hexachloroethane	9.181	117	29515	40.709	ng	# 85
19) n-Nitroso-di-n-propyla...	8.894	70	64424	40.596	ng	97
20) 3+4-Methylphenols	8.852	107	93779	43.614	ng	95
22) Acetophenone	8.911	105	120987	38.800	ng	# 96
24) Nitrobenzene	9.293	77	88345	41.747	ng	# 88
25) Isophorone	9.816	82	172099	39.929	ng	97
26) 2-Nitrophenol	10.004	139	33227	47.741	ng	# 78
27) 2,4-Dimethylphenol	10.063	122	76957	49.666	ng	89
28) bis(2-Chloroethoxy)met...	10.298	93	101926	43.518	ng	100
29) 2,4-Dichlorophenol	10.545	162	85855	46.134	ng	91
30) 1,2,4-Trichlorobenzene	10.762	180	94998	40.332	ng	97
31) Naphthalene	10.950	128	240779	37.255	ng	100
32) Benzoic acid	10.198	122	30894	34.753	ng	# 80
33) 4-Chloroaniline	11.050	127	65555	24.465	ng	# 94
34) Hexachlorobutadiene	11.244	225	66540	39.875	ng	97
35) Caprolactam	11.820	113	23785m	44.718	ng	
36) 4-Chloro-3-methylphenol	12.160	107	87449	44.151	ng	88
37) 2-Methylnaphthalene	12.548	142	175555	37.443	ng	95
38) 1-Methylnaphthalene	12.766	142	169123	36.886	ng	98
40) 1,2,4,5-Tetrachloroben...	12.918	216	121528	41.021	ng	97
41) Hexachlorocyclopentadiene	12.901	237	132530	88.006	ng	97
43) 2,4,6-Trichlorophenol	13.147	196	74826	46.571	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.218	196	82759	46.294	ng	93
46) 1,1'-Biphenyl	13.553	154	246655	39.228	ng	99
47) 2-Chloronaphthalene	13.594	162	195178	39.900	ng	97
48) 2-Nitroaniline	13.782	65	54551	44.274	ng	95
49) Acenaphthylene	14.440	152	322219	41.060	ng	100
50) Dimethylphthalate	14.164	163	260345	40.267	ng	99
51) 2,6-Dinitrotoluene	14.276	165	52874	45.833	ng	85
52) Acenaphthene	14.781	154	206196	41.357	ng	98
53) 3-Nitroaniline	14.605	138	40614	33.497	ng	89
54) 2,4-Dinitrophenol	14.810	184	44038	76.986	ng	# 74
55) Dibenzofuran	15.110	168	312320	39.296	ng	96
56) 4-Nitrophenol	14.910	139	86747	83.900	ng	# 81
57) 2,4-Dinitrotoluene	15.063	165	72664	46.228	ng	# 92
58) Fluorene	15.762	166	251145	38.164	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.333	232	76232	39.562	ng	# 94
60) Diethylphthalate	15.527	149	260379	39.764	ng	97
61) 4-Chlorophenyl-phenyle...	15.750	204	144770	40.806	ng	92
62) 4-Nitroaniline	15.768	138	53495	39.804	ng	# 74
63) Azobenzene	16.044	77	224551	36.649	ng	92
65) 4,6-Dinitro-2-methylph...	15.827	198	32911	41.597	ng	87
66) n-Nitrosodiphenylamine	15.962	169	232609	41.471	ng	99
67) 4-Bromophenyl-phenylether	16.643	248	99872	43.578	ng	95
68) Hexachlorobenzene	16.767	284	108992	42.666	ng	95
69) Atrazine	16.908	200	98882	45.027	ng	96
70) Pentachlorophenol	17.108	266	121285	74.968	ng	99
71) Phenanthrene	17.501	178	437659	39.420	ng	97
72) Anthracene	17.589	178	437004	40.218	ng	100
73) Carbazole	17.854	167	396665	40.443	ng	99
74) Di-n-butylphthalate	18.418	149	460853	40.861	ng	# 98
75) Fluoranthene	19.505	202	561866	39.018	ng	97
77) Benzidine	19.675	184	197646	35.976	ng	99
78) Pyrene	19.869	202	560374	39.220	ng	98
80) Butylbenzylphthalate	20.750	149	195285	41.909	ng	93
81) Benzo(a)anthracene	21.714	228	584061	39.158	ng	99
82) 3,3'-Dichlorobenzidine	21.626	252	168120	39.990	ng	99
83) Chrysene	21.784	228	536929	38.137	ng	97
84) Bis(2-ethylhexyl)phtha...	21.626	149	293274	43.768	ng	95
85) Di-n-octyl phthalate	22.860	149	501161	44.974	ng	97
87) Indeno(1,2,3-cd)pyrene	28.741	276	663727	39.925	ng	# 97
88) Benzo(b)fluoranthene	23.964	252	601050	42.925	ng	99
89) Benzo(k)fluoranthene	24.035	252	579048	41.837	ng	98
90) Benzo(a)pyrene	24.845	252	581404	49.097	ng	# 98
91) Dibenzo(a,h)anthracene	28.806	278	580018	42.222	ng	97
92) Benzo(g,h,i)perylene	29.910	276	572861	42.306	ng	94

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

