

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
 Data File : BG055760.D
 Acq On : 23 Nov 2022 18:11
 Operator : CG/JU
 Sample : PB149062BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149062BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/25/2022
 Supervised By : Jagrut Upadhyay 11/25/2022

Quant Time: Nov 24 06:07:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 06:05:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	31295	20.000	ng	0.00
21) Naphthalene-d8	11.067	136	148103	20.000	ng	0.00
39) Acenaphthene-d10	14.862	164	120758	20.000	ng	0.00
64) Phenanthrene-d10	17.606	188	297332	20.000	ng	0.00
76) Chrysene-d12	21.901	240	283480	20.000	ng	0.00
86) Perylene-d12	25.303	264	296521	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.767	112	242572	140.103	ng	0.00
7) Phenol-d6	7.389	99	327103	141.926	ng	0.00
23) Nitrobenzene-d5	9.410	82	198749	70.929	ng	0.00
42) 2,4,6-Tribromophenol	16.349	330	212500	124.968	ng	0.00
45) 2-Fluorobiphenyl	13.488	172	557113	69.116	ng	0.00
79) Terphenyl-d14	20.192	244	1095362	77.285	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.593	88	21311	28.802	ng	96
3) Pyridine	4.005	79	63741	28.081	ng	99
4) n-Nitrosodimethylamine	3.917	42	45056	37.492	ng	94
6) Aniline	7.553	93	123822	42.773	ng	97
8) 2-Chlorophenol	7.800	128	93267	47.122	ng	100
9) Benzaldehyde	7.365	77	53233	34.010	ng	98
10) Phenol	7.412	94	120964	46.874	ng	99
11) bis(2-Chloroethyl)ether	7.642	93	80132	40.519	ng	98
12) 1,3-Dichlorobenzene	8.123	146	90147	38.739	ng	98
13) 1,4-Dichlorobenzene	8.270	146	92666	39.407	ng	98
14) 1,2-Dichlorobenzene	8.593	146	92771	41.170	ng	97
15) Benzyl Alcohol	8.470	79	87370m	46.645	ng	
16) 2,2'-oxybis(1-Chloropr...	8.758	45	149453m	41.745	ng	
17) 2-Methylphenol	8.676	107	86063	46.974	ng	99
18) Hexachloroethane	9.334	117	31891	39.403	ng	95
19) n-Nitroso-di-n-propyla...	9.040	70	76723	43.326	ng	97
20) 3+4-Methylphenols	9.005	107	122223	47.755	ng	97
22) Acetophenone	9.063	105	141832	36.854	ng	# 96
24) Nitrobenzene	9.451	77	107349	36.677	ng	99
25) Isophorone	9.974	82	214233	40.351	ng	99
26) 2-Nitrophenol	10.168	139	55511	41.085	ng	98
27) 2,4-Dimethylphenol	10.215	122	100821m	49.029	ng	
28) bis(2-Chloroethoxy)met...	10.450	93	121152	42.506	ng	100
29) 2,4-Dichlorophenol	10.709	162	105964	43.052	ng	99
30) 1,2,4-Trichlorobenzene	10.926	180	105658	36.950	ng	100
31) Naphthalene	11.120	128	291204	36.372	ng	99
32) Benzoic acid	10.368	122	62007m	36.651	ng	
33) 4-Chloroaniline	11.220	127	105020	31.798	ng	99
34) Hexachlorobutadiene	11.396	225	70447	36.080	ng	97
35) Caprolactam	11.989	113	36531m	42.890	ng	
36) 4-Chloro-3-methylphenol	12.324	107	119386	44.132	ng	99
37) 2-Methylnaphthalene	12.706	142	232767	38.829	ng	98
38) 1-Methylnaphthalene	12.924	142	218413	37.531	ng	100
40) 1,2,4,5-Tetrachloroben...	13.070	216	138790	36.573	ng	99
41) Hexachlorocyclopentadiene	13.041	237	155026	81.054	ng	99
43) 2,4,6-Trichlorophenol	13.306	196	99685	38.509	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
 Data File : BG055760.D
 Acq On : 23 Nov 2022 18:11
 Operator : CG/JU
 Sample : PB149062BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149062BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/25/2022
 Supervised By : Jagrut Upadhyay 11/25/2022

Quant Time: Nov 24 06:07:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 06:05:02 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.376	196	110931	38.995	ng	98
46) 1,1'-Biphenyl	13.699	154	328189	37.295	ng	99
47) 2-Chloronaphthalene	13.746	162	247602	36.200	ng	98
48) 2-Nitroaniline	13.940	65	85052	37.822	ng	96
49) Acenaphthylene	14.586	152	418456	37.152	ng	99
50) Dimethylphthalate	14.304	163	361299	37.532	ng	99
51) 2,6-Dinitrotoluene	14.428	165	77596	39.423	ng	96
52) Acenaphthene	14.927	154	306891m	41.690	ng	
53) 3-Nitroaniline	14.763	138	68291	31.606	ng	96
54) 2,4-Dinitrophenol	14.974	184	95896	84.737	ng	97
55) Dibenzofuran	15.256	168	423220	37.268	ng	99
56) 4-Nitrophenol	15.068	139	130004	76.661	ng	97
57) 2,4-Dinitrotoluene	15.215	165	112822	40.655	ng	97
58) Fluorene	15.908	166	338824	37.357	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.479	232	105709	38.350	ng	99
60) Diethylphthalate	15.656	149	363546	37.354	ng	99
61) 4-Chlorophenyl-phenyle...	15.891	204	192122	38.534	ng	100
62) 4-Nitroaniline	15.926	138	82921	36.713	ng	97
63) Azobenzene	16.184	77	309685	36.447	ng	98
65) 4,6-Dinitro-2-methylph...	15.979	198	67546	40.684	ng	99
66) n-Nitrosodiphenylamine	16.102	169	310045	37.837	ng	99
67) 4-Bromophenyl-phenylether	16.784	248	130678	38.574	ng	97
68) Hexachlorobenzene	16.907	284	145415	38.711	ng	98
69) Atrazine	17.042	200	132851	40.994	ng	99
70) Pentachlorophenol	17.254	266	166619	72.508	ng	98
71) Phenanthrene	17.647	178	585347	36.481	ng	99
72) Anthracene	17.741	178	589044	37.784	ng	100
73) Carbazole	18.006	167	535129	38.182	ng	100
74) Di-n-butylphthalate	18.541	149	646659	37.159	ng	99
75) Fluoranthene	19.645	202	707255	36.232	ng	100
77) Benzidine	19.816	184	341161	52.021	ng	99
78) Pyrene	20.004	202	715374	37.282	ng	100
80) Butylbenzylphthalate	20.867	149	281106	37.422	ng	100
81) Benzo(a)anthracene	21.878	228	722754	37.017	ng	100
82) 3,3'-Dichlorobenzidine	21.784	252	241330	35.175	ng	97
83) Chrysene	21.948	228	685048	36.855	ng	99
84) Bis(2-ethylhexyl)phtha...	21.749	149	407223	37.722	ng	99
85) Di-n-octyl phthalate	23.018	149	696434	37.697	ng	100
87) Indeno(1,2,3-cd)pyrene	29.228	276	871350	35.870	ng	99
88) Benzo(b)fluoranthene	24.216	252	771015	39.926	ng	99
89) Benzo(k)fluoranthene	24.287	252	742042	38.549	ng	99
90) Benzo(a)pyrene	25.145	252	678465	40.942	ng	99
91) Dibenzo(a,h)anthracene	29.287	278	740587	37.308	ng	99
92) Benzo(g,h,i)perylene	30.462	276	728475	36.411	ng	98

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

