

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
 Data File : BG054091.D
 Acq On : 27 Jun 2022 13:38
 Operator : CG/JU
 Sample : PB145813BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145813BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/28/2022
 Supervised By : Jagrut Upadhyay 06/28/2022

Quant Time: Jun 28 04:53:49 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 27 00:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.071	152	22116	20.000	ng	0.00
21) Naphthalene-d8	10.885	136	101574	20.000	ng	0.00
39) Acenaphthene-d10	14.698	164	80393	20.000	ng	0.00
64) Phenanthrene-d10	17.442	188	201646	20.000	ng	0.00
76) Chrysene-d12	21.719	240	204554	20.000	ng	# 0.00
86) Perylene-d12	24.974	264	208346	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	165317	142.915	ng	0.00
7) Phenol-d6	7.236	99	226700	144.467	ng	0.00
23) Nitrobenzene-d5	9.234	82	145075	80.263	ng	0.00
42) 2,4,6-Tribromophenol	16.185	330	140610	108.860	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	420483	76.056	ng	0.00
79) Terphenyl-d14	20.051	244	852960	83.984	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.523	88	15858	31.361	ng	94
3) Pyridine	3.922	79	42209	31.280	ng	# 87
4) n-Nitrosodimethylamine	3.834	42	27677	46.630	ng	# 91
6) Aniline	7.395	93	68781	36.970	ng	98
8) 2-Chlorophenol	7.642	128	66073	53.496	ng	91
9) Benzaldehyde	7.207	77	11636m	12.564	ng	
10) Phenol	7.260	94	86380	54.316	ng	94
11) bis(2-Chloroethyl)ether	7.483	93	58386	47.832	ng	97
12) 1,3-Dichlorobenzene	7.965	146	65058	42.037	ng	88
13) 1,4-Dichlorobenzene	8.112	146	66985	43.087	ng	97
14) 1,2-Dichlorobenzene	8.429	146	65828	44.109	ng	99
15) Benzyl Alcohol	8.306	79	62882	53.616	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.599	45	90894	49.812	ng	99
17) 2-Methylphenol	8.511	107	59396	53.764	ng	92
18) Hexachloroethane	9.163	117	22363	43.362	ng	# 83
19) n-Nitroso-di-n-propyla...	8.876	70	52357	49.663	ng	96
20) 3+4-Methylphenols	8.840	107	81913	52.871	ng	95
22) Acetophenone	8.893	105	99802	40.422	ng	# 96
24) Nitrobenzene	9.275	77	74040	41.598	ng	# 84
25) Isophorone	9.798	82	144411	42.779	ng	95
26) 2-Nitrophenol	9.992	139	36859	46.885	ng	# 85
27) 2,4-Dimethylphenol	10.051	122	68810	54.076	ng	91
28) bis(2-Chloroethoxy)met...	10.280	93	83152	45.725	ng	98
29) 2,4-Dichlorophenol	10.532	162	78825	46.203	ng	93
30) 1,2,4-Trichlorobenzene	10.744	180	79053	37.422	ng	96
31) Naphthalene	10.932	128	204803	39.940	ng	100
32) Benzoic acid	10.198	122	27265	48.904	ng	# 81
33) 4-Chloroaniline	11.032	127	56796	26.699	ng	96
34) Hexachlorobutadiene	11.220	225	53244	32.783	ng	96
35) Caprolactam	11.802	113	24553m	52.278	ng	
36) 4-Chloro-3-methylphenol	12.154	107	81521	49.154	ng	# 82
37) 2-Methylnaphthalene	12.536	142	156724	41.310	ng	96
38) 1-Methylnaphthalene	12.747	142	153391	41.524	ng	96
40) 1,2,4,5-Tetrachloroben...	12.900	216	111592	36.024	ng	97
41) Hexachlorocyclopentadiene	12.883	237	106921	74.125	ng	99
43) 2,4,6-Trichlorophenol	13.135	196	73570	42.280	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.212	196	81947	42.178	ng	94
46) 1,1'-Biphenyl	13.535	154	228633	40.828	ng	99
47) 2-Chloronaphthalene	13.582	162	179890	39.694	ng	97
48) 2-Nitroaniline	13.776	65	58971	48.917	ng	95
49) Acenaphthylene	14.422	152	304423	43.199	ng	100
50) Dimethylphthalate	14.146	163	248889	40.651	ng	99
51) 2,6-Dinitrotoluene	14.269	165	55161	44.592	ng	# 73
52) Acenaphthene	14.763	154	207417m	46.175	ng	
53) 3-Nitroaniline	14.598	138	40888	34.117	ng	89
54) 2,4-Dinitrophenol	14.804	184	58930	85.777	ng	# 77
55) Dibenzofuran	15.098	168	297879	41.158	ng	95
56) 4-Nitrophenol	14.904	139	77698	91.318	ng	# 89
57) 2,4-Dinitrotoluene	15.057	165	79808	45.682	ng	86
58) Fluorene	15.744	166	243236	40.933	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.321	232	74720	39.326	ng	# 96
60) Diethylphthalate	15.509	149	248900	41.978	ng	97
61) 4-Chlorophenyl-phenyle...	15.732	204	140859	39.595	ng	92
62) 4-Nitroaniline	15.756	138	53119	42.502	ng	# 77
63) Azobenzene	16.026	77	210867	44.181	ng	92
65) 4,6-Dinitro-2-methylph...	15.820	198	45919	45.644	ng	88
66) n-Nitrosodiphenylamine	15.950	169	223308	42.492	ng	97
67) 4-Bromophenyl-phenylether	16.625	248	98567	39.138	ng	96
68) Hexachlorobenzene	16.755	284	106890	37.104	ng	94
69) Atrazine	16.890	200	94371	43.349	ng	97
70) Pentachlorophenol	17.095	266	109715	81.987	ng	95
71) Phenanthrene	17.483	178	417103	40.261	ng	96
72) Anthracene	17.577	178	426266	42.135	ng	99
73) Carbazole	17.841	167	373611	43.025	ng	99
74) Di-n-butylphthalate	18.400	149	436290	43.454	ng	# 98
75) Fluoranthene	19.492	202	523716	38.509	ng	96
77) Benzidine	19.663	184	171250	40.426	ng	98
78) Pyrene	19.851	202	535724	43.362	ng	98
80) Butylbenzylphthalate	20.732	149	189523	47.859	ng	95
81) Benzo(a)anthracene	21.696	228	547309	41.323	ng	98
82) 3,3'-Dichlorobenzidine	21.608	252	144474	36.511	ng	99
83) Chrysene	21.766	228	501229	39.702	ng	96
84) Bis(2-ethylhexyl)phtha...	21.602	149	276401	48.803	ng	95
85) Di-n-octyl phthalate	22.824	149	470541	48.338	ng	97
87) Indeno(1,2,3-cd)pyrene	28.705	276	620695	39.478	ng	# 95
88) Benzo(b)fluoranthene	23.940	252	550814	43.481	ng	99
89) Benzo(k)fluoranthene	24.011	252	535292	42.678	ng	98
90) Benzo(a)pyrene	24.822	252	532617	49.832	ng	# 99
91) Dibenzo(a,h)anthracene	28.770	278	540011	41.534	ng	99
92) Benzo(g,h,i)perylene	29.869	276	520233	40.546	ng	95

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

