

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061322\
 Data File : BG053897.D
 Acq On : 13 Jun 2022 16:59
 Operator : CG/JU
 Sample : PB145453BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145453BS

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

Quant Time: Jun 13 17:47:09 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							06/14/2022
1) 1,4-Dichlorobenzene-d4	8.089	152	21276	20.000	ng	0.00	Supervised By :Jagrut padhyay
21) Naphthalene-d8	10.897	136	83751	20.000	ng	0.00	
39) Acenaphthene-d10	14.711	164	63485	20.000	ng	0.00	
64) Phenanthrene-d10	17.454	188	165252	20.000	ng	# 0.00	
76) Chrysene-d12	21.732	240	191690	20.000	ng	0.00	
86) Perylene-d12	24.993	264	199808	20.000	ng	0.00	06/14/2022
System Monitoring Compounds							
5) 2-Fluorophenol	5.651	112	147294	132.362	ng	0.00	
7) Phenol-d6	7.243	99	192257	127.355	ng	0.00	
23) Nitrobenzene-d5	9.246	82	120879	81.109	ng	0.00	
42) 2,4,6-Tribromophenol	16.197	330	126599	124.117	ng	0.00	
45) 2-Fluorobiphenyl	13.336	172	344429	78.892	ng	0.00	
79) Terphenyl-d14	20.057	244	798430	83.891	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.547	88	16707	34.344	ng		89
3) Pyridine	3.941	79	42309	32.592	ng		95
4) n-Nitrosodimethylamine	3.853	42	26844	47.012	ng	#	97
6) Aniline	7.407	93	70540	39.412	ng		95
8) 2-Chlorophenol	7.648	128	56238	47.330	ng		92
9) Benzaldehyde	7.219	77	25586	28.718	ng		80
10) Phenol	7.266	94	72523	47.403	ng		94
11) bis(2-Chloroethyl)ether	7.501	93	51099	43.515	ng		95
12) 1,3-Dichlorobenzene	7.977	146	64060	43.026	ng		90
13) 1,4-Dichlorobenzene	8.124	146	65620	43.876	ng		98
14) 1,2-Dichlorobenzene	8.441	146	63031	43.902	ng		98
15) Benzyl Alcohol	8.318	79	52266	46.323	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.612	45	75036	42.745	ng		99
17) 2-Methylphenol	8.524	107	47906	45.076	ng		93
18) Hexachloroethane	9.176	117	20692	41.706	ng	#	85
19) n-Nitroso-di-n-propyla...	8.888	70	43064	42.461	ng		95
20) 3+4-Methylphenols	8.847	107	65763	44.123	ng		94
22) Acetophenone	8.906	105	84761	41.636	ng	#	96
24) Nitrobenzene	9.288	77	61584	41.963	ng	#	88
25) Isophorone	9.810	82	117849	42.340	ng	#	94
26) 2-Nitrophenol	10.004	139	29745	45.888	ng	#	81
27) 2,4-Dimethylphenol	10.057	122	54193	51.653	ng		85
28) bis(2-Chloroethoxy)met...	10.292	93	69487	46.342	ng		99
29) 2,4-Dichlorophenol	10.539	162	64356	45.749	ng		91
30) 1,2,4-Trichlorobenzene	10.756	180	71472	41.033	ng		96
31) Naphthalene	10.944	128	169990	40.206	ng		99
32) Benzoic acid	10.216	122	13993m	34.701	ng		
33) 4-Chloroaniline	11.044	127	51670	29.458	ng		94
34) Hexachlorobutadiene	11.238	225	54448	40.659	ng		96
35) Caprolactam	11.814	113	18048m	46.605	ng		
36) 4-Chloro-3-methylphenol	12.161	107	61425	44.919	ng		87
37) 2-Methylnaphthalene	12.548	142	127254	40.681	ng		96
38) 1-Methylnaphthalene	12.766	142	121267	39.814	ng		97
40) 1,2,4,5-Tetrachloroben...	12.913	216	98915	40.436	ng		96
41) Hexachlorocyclopentadiene	12.895	237	120770	106.025	ng		98
43) 2,4,6-Trichlorophenol	13.148	196	58036	42.236	ng		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.218	196	66215	43.157	ng	#	92
46) 1,1'-Biphenyl	13.547	154	181962	41.148	ng		97
47) 2-Chloronaphthalene	13.588	162	145336	40.610	ng		97
48) 2-Nitroaniline	13.782	65	41135	43.209	ng		87
49) Acenaphthylene	14.434	152	235250	42.274	ng		99
50) Dimethylphthalate	14.158	163	197614	40.872	ng	#	99
51) 2,6-Dinitrotoluene	14.276	165	43497	44.528	ng	#	75
52) Acenaphthene	14.775	154	159065	44.842	ng		99
53) 3-Nitroaniline	14.605	138	30393	32.115	ng		92
54) 2,4-Dinitrophenol	14.810	184	44235	81.884	ng	#	74
55) Dibenzofuran	15.104	168	235159	41.146	ng		94
56) 4-Nitrophenol	14.905	139	66959	99.656	ng	#	84
57) 2,4-Dinitrotoluene	15.063	165	62547	45.337	ng	#	84
58) Fluorene	15.756	166	188923	40.260	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.333	232	63516	42.332	ng	#	89
60) Diethylphthalate	15.521	149	193931	41.418	ng		96
61) 4-Chlorophenyl-phenyle...	15.745	204	117067	41.671	ng		91
62) 4-Nitroaniline	15.768	138	42005	42.560	ng	#	70
63) Azobenzene	16.038	77	155029	41.133	ng		91
65) 4,6-Dinitro-2-methylph...	15.827	198	35595	43.174	ng		81
66) n-Nitrosodiphenylamine	15.956	169	178754	41.505	ng		96
67) 4-Bromophenyl-phenylether	16.638	248	84105	40.750	ng		93
68) Hexachlorobenzene	16.761	284	96209	40.751	ng	#	92
69) Atrazine	16.902	200	81689	45.787	ng		95
70) Pentachlorophenol	17.102	266	101140	92.224	ng		98
71) Phenanthrene	17.496	178	344733	40.604	ng		98
72) Anthracene	17.584	178	348877	42.080	ng		98
73) Carbazole	17.848	167	308505	43.351	ng		99
74) Di-n-butylphthalate	18.412	149	354758	43.116	ng	#	97
75) Fluoranthene	19.499	202	470015	42.171	ng		98
77) Benzidine	19.675	184	255992	64.487	ng		98
78) Pyrene	19.863	202	470691	40.655	ng		98
80) Butylbenzylphthalate	20.745	149	157755	42.510	ng		88
81) Benzo(a)anthracene	21.708	228	517144	41.666	ng		97
82) 3,3'-Dichlorobenzidine	21.620	252	137921	37.194	ng	#	99
83) Chrysene	21.779	228	472934	39.975	ng		98
84) Bis(2-ethylhexyl)phtha...	21.614	149	229459	43.233	ng	#	95
85) Di-n-octyl phthalate	22.848	149	401470	44.010	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.729	276	614674	40.765	ng	#	98
88) Benzo(b)fluoranthene	23.959	252	550850	45.342	ng		100
89) Benzo(k)fluoranthene	24.029	252	510137	42.411	ng		98
90) Benzo(a)pyrene	24.840	252	515447	50.286	ng		99
91) Dibenzo(a,h)anthracene	28.788	278	537435	43.103	ng		98
92) Benzo(g,h,i)perylene	29.899	276	534823	43.464	ng		96

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

