

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052723\
 Data File : BG057603.D
 Acq On : 27 May 2023 4:07
 Operator : CG/JU
 Sample : PB153018BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153018BSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2023
 Supervised By :Yogesh Patel 06/01/2023

Quant Time: May 27 04:49:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 23:44:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.343	152	15715	20.000	ng	0.00
21) Naphthalene-d8	11.180	136	69479	20.000	ng	0.00
39) Acenaphthene-d10	14.969	164	58256	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	165371	20.000	ng	0.00
76) Chrysene-d12	22.007	240	151523	20.000	ng	-0.01
86) Perylene-d12	25.496	264	162799	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.864	112	138955	153.616	ng	0.00
7) Phenol-d6	7.491	99	210132	148.437	ng	0.00
23) Nitrobenzene-d5	9.524	82	127199	85.581	ng	0.00
42) 2,4,6-Tribromophenol	16.450	330	121574	130.347	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	334612	82.545	ng	0.00
79) Terphenyl-d14	20.268	244	781916	89.389	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.649	88	12241	32.662	ng	95
3) Pyridine	4.078	79	35822	31.264	ng	98
4) n-Nitrosodimethylamine	3.984	42	19120	41.243	ng	# 94
6) Aniline	7.662	93	58033	33.887	ng	98
8) 2-Chlorophenol	7.908	128	49549	51.023	ng	95
9) Benzaldehyde	7.474	77	30446	32.462	ng	99
10) Phenol	7.521	94	70852	52.880	ng	99
11) bis(2-Chloroethyl)ether	7.744	93	44535	44.514	ng	98
12) 1,3-Dichlorobenzene	8.232	146	48136	46.526	ng	99
13) 1,4-Dichlorobenzene	8.378	146	48572	46.147	ng	96
14) 1,2-Dichlorobenzene	8.707	146	48021	46.774	ng	98
15) Benzyl Alcohol	8.584	79	54793	50.317	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.860	45	56140	45.191	ng	97
17) 2-Methylphenol	8.790	107	48786	49.582	ng	98
18) Hexachloroethane	9.436	117	17030	47.252	ng	92
19) n-Nitroso-di-n-propyla...	9.148	70	44081	44.821	ng	97
20) 3+4-Methylphenols	9.119	107	66830	48.384	ng	95
22) Acetophenone	9.177	105	80423	43.288	ng	95
24) Nitrobenzene	9.571	77	63253	41.925	ng	95
25) Isophorone	10.088	82	120494	41.245	ng	97
26) 2-Nitrophenol	10.288	139	28807	44.532	ng	93
27) 2,4-Dimethylphenol	10.335	122	54829	49.025	ng	97
28) bis(2-Chloroethoxy)met...	10.564	93	66875	44.146	ng	97
29) 2,4-Dichlorophenol	10.834	162	57681	49.105	ng	98
30) 1,2,4-Trichlorobenzene	11.039	180	55510	43.361	ng	95
31) Naphthalene	11.233	128	155572	42.328	ng	98
32) Benzoic acid	10.487	122	27729m	43.284	ng	
33) 4-Chloroaniline	11.345	127	39844	23.574	ng	95
34) Hexachlorobutadiene	11.504	225	37134	41.937	ng	95
35) Caprolactam	12.109	113	22663m	46.541	ng	
36) 4-Chloro-3-methylphenol	12.443	107	67569	48.597	ng	98
37) 2-Methylnaphthalene	12.814	142	120716	41.848	ng	98
38) 1-Methylnaphthalene	13.031	142	113815	41.346	ng	99
40) 1,2,4,5-Tetrachloroben...	13.178	216	80702	42.205	ng	98
41) Hexachlorocyclopentadiene	13.148	237	46690	89.527	ng	98
43) 2,4,6-Trichlorophenol	13.413	196	54581	45.340	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.501	196	59976	41.832	ng	95
46) 1,1'-Biphenyl	13.800	154	177720	42.684	ng	100
47) 2-Chloronaphthalene	13.853	162	135143	43.092	ng	98
48) 2-Nitroaniline	14.053	65	48804	44.426	ng	97
49) Acenaphthylene	14.693	152	228001	42.933	ng	99
50) Dimethylphthalate	14.406	163	201824	42.034	ng	# 99
51) 2,6-Dinitrotoluene	14.535	165	46022	44.777	ng	92
52) Acenaphthene	15.028	154	138244	42.543	ng	96
53) 3-Nitroaniline	14.875	138	27711	25.849	ng	100
54) 2,4-Dinitrophenol	15.093	184	56184	89.672	ng	97
55) Dibenzofuran	15.363	168	235734	42.455	ng	97
56) 4-Nitrophenol	15.187	139	68932	96.508	ng	96
57) 2,4-Dinitrotoluene	15.328	165	69798	45.356	ng	# 98
58) Fluorene	16.009	166	201526	42.986	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.592	232	61561	45.832	ng	98
60) Diethylphthalate	15.751	149	215943	43.090	ng	99
61) 4-Chlorophenyl-phenyle...	15.986	204	111503	42.676	ng	97
62) 4-Nitroaniline	16.033	138	49574	42.869	ng	94
63) Azobenzene	16.279	77	194645	43.674	ng	98
65) 4,6-Dinitro-2-methylph...	16.091	198	47239	46.915	ng	97
66) n-Nitrosodiphenylamine	16.197	169	183877	42.780	ng	98
67) 4-Bromophenyl-phenylether	16.879	248	78598	42.370	ng	98
68) Hexachlorobenzene	17.014	284	86582	45.280	ng	94
69) Atrazine	17.131	200	87721	47.535	ng	99
70) Pentachlorophenol	17.360	266	81131	83.270	ng	95
71) Phenanthrene	17.748	178	367087	43.377	ng	98
72) Anthracene	17.836	178	370937	42.727	ng	99
73) Carbazole	18.106	167	341820	44.013	ng	99
74) Di-n-butylphthalate	18.617	149	388700	42.160	ng	99
75) Fluoranthene	19.734	202	460568	41.922	ng	100
77) Benzidine	19.898	184	219400	47.851	ng	99
78) Pyrene	20.098	202	471140	43.669	ng	100
80) Butylbenzylphthalate	20.944	149	170803	43.470	ng	98
81) Benzo(a)anthracene	21.983	228	464110	44.150	ng	98
82) 3,3'-Dichlorobenzidine	21.884	252	113761	29.346	ng	99
83) Chrysene	22.054	228	422834	42.564	ng	99
84) Bis(2-ethylhexyl)phtha...	21.825	149	245278	43.762	ng	98
85) Di-n-octyl phthalate	23.111	149	408438	43.964	ng	99
87) Indeno(1,2,3-cd)pyrene	29.544	276	512772	45.176	ng	99
88) Benzo(b)fluoranthene	24.380	252	470689	46.971	ng	99
89) Benzo(k)fluoranthene	24.451	252	449832	44.480	ng	97
90) Benzo(a)pyrene	25.332	252	409478	41.901	ng	99
91) Dibenzo(a,h)anthracene	29.591	278	425546	45.049	ng	99
92) Benzo(g,h,i)perylene	30.813	276	416442	45.203	ng	98

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

