

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050422\
 Data File : BG053428.D
 Acq On : 4 May 2022 12:59
 Operator : CG/JU
 Sample : PB144537BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144537BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/06/2022
 Supervised By : mohammad ahmed 05/09/2022

Quant Time: May 04 18:09:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 18:06:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.098	152	28619	20.000	ng	0.00
21) Naphthalene-d8	10.912	136	112326	20.000	ng	0.00
39) Acenaphthene-d10	14.725	164	83486	20.000	ng	0.00
64) Phenanthrene-d10	17.474	188	205078	20.000	ng	# 0.00
76) Chrysene-d12	21.756	240	198278	20.000	ng	0.00
86) Perylene-d12	25.046	264	209472	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	235159	140.852	ng	0.00
7) Phenol-d6	7.264	99	336605	130.740	ng	0.00
23) Nitrobenzene-d5	9.267	82	226743	81.963	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	160465	120.811	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	500210	82.618	ng	0.00
79) Terphenyl-d14	20.076	244	983935	83.810	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.546	88	32812	41.154	ng	96
3) Pyridine	3.945	79	75427	35.869	ng	# 85
4) n-Nitrosodimethylamine	3.857	42	50092	48.103	ng	86
6) Aniline	7.423	93	119470	40.040	ng	95
8) 2-Chlorophenol	7.670	128	88475	49.087	ng	90
9) Benzaldehyde	7.235	77	62790m	40.800	ng	
10) Phenol	7.294	94	121599	47.449	ng	87
11) bis(2-Chloroethyl)ether	7.511	93	85293	46.170	ng	91
12) 1,3-Dichlorobenzene	7.993	146	94805	45.265	ng	95
13) 1,4-Dichlorobenzene	8.134	146	96347	45.122	ng	98
14) 1,2-Dichlorobenzene	8.457	146	91899	44.632	ng	95
15) Benzyl Alcohol	8.339	79	100481m	43.908	ng	
16) 2,2'-oxybis(1-Chloropr...	8.627	45	136873	44.378	ng	99
17) 2-Methylphenol	8.545	107	83041	47.884	ng	97
18) Hexachloroethane	9.191	117	36514	45.602	ng	99
19) n-Nitroso-di-n-propyla...	8.903	70	80866	42.902	ng	96
20) 3+4-Methylphenols	8.874	107	110622	45.186	ng	92
22) Acetophenone	8.921	105	138243	44.362	ng	92
24) Nitrobenzene	9.309	77	123763	45.995	ng	92
25) Isophorone	9.825	82	217824	46.325	ng	98
26) 2-Nitrophenol	10.019	139	50109	44.534	ng	# 82
27) 2,4-Dimethylphenol	10.078	122	88545	54.947	ng	96
28) bis(2-Chloroethoxy)met...	10.307	93	118528	44.869	ng	99
29) 2,4-Dichlorophenol	10.566	162	94968	46.878	ng	99
30) 1,2,4-Trichlorobenzene	10.777	180	99580	43.431	ng	98
31) Naphthalene	10.965	128	266226	44.424	ng	99
32) Benzoic acid	10.248	122	38642	37.689	ng	# 86
33) 4-Chloroaniline	11.065	127	80816	31.491	ng	96
34) Hexachlorobutadiene	11.247	225	72084	42.323	ng	98
35) Caprolactam	11.840	113	31674m	44.357	ng	
36) 4-Chloro-3-methylphenol	12.193	107	110079	46.673	ng	91
37) 2-Methylnaphthalene	12.563	142	190332	42.922	ng	96
38) 1-Methylnaphthalene	12.780	142	185865	42.940	ng	# 92
40) 1,2,4,5-Tetrachloroben...	12.927	216	123576	43.582	ng	99
41) Hexachlorocyclopentadiene	12.910	237	134717	92.037	ng	96
43) 2,4,6-Trichlorophenol	13.168	196	82975	42.443	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.244	196	91230	43.792	ng	94
46) 1,1'-Biphenyl	13.562	154	263602	43.845	ng	99
47) 2-Chloronaphthalene	13.609	162	207943	43.352	ng	95
48) 2-Nitroaniline	13.808	65	83098	45.651	ng	90
49) Acenaphthylene	14.449	152	352001	46.880	ng	98
50) Dimethylphthalate	14.173	163	292551	43.811	ng	100
51) 2,6-Dinitrotoluene	14.296	165	63766	45.774	ng	# 80
52) Acenaphthene	14.789	154	245713m	48.255	ng	
53) 3-Nitroaniline	14.631	138	51594	35.026	ng	99
54) 2,4-Dinitrophenol	14.842	184	69356	78.247	ng	# 82
55) Dibenzofuran	15.124	168	339310	42.556	ng	96
56) 4-Nitrophenol	14.942	139	94164	83.818	ng	# 72
57) 2,4-Dinitrotoluene	15.089	165	91901	46.338	ng	91
58) Fluorene	15.776	166	278364	43.226	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.353	232	85835	42.427	ng	98
60) Diethylphthalate	15.530	149	300455	42.944	ng	98
61) 4-Chlorophenyl-phenyle...	15.759	204	154564	42.341	ng	99
62) 4-Nitroaniline	15.794	138	67036	43.128	ng	# 80
63) Azobenzene	16.052	77	302956	42.949	ng	97
65) 4,6-Dinitro-2-methylph...	15.853	198	52957	37.013	ng	95
66) n-Nitrosodiphenylamine	15.976	169	252645	42.840	ng	99
67) 4-Bromophenyl-phenylether	16.652	248	110913	42.208	ng	95
68) Hexachlorobenzene	16.787	284	121358	42.645	ng	95
69) Atrazine	16.916	200	109405	47.492	ng	95
70) Pentachlorophenol	17.127	266	124382	79.974	ng	92
71) Phenanthrene	17.515	178	482049	43.033	ng	98
72) Anthracene	17.609	178	488459	44.015	ng	98
73) Carbazole	17.873	167	448314	41.559	ng	99
74) Di-n-butylphthalate	18.420	149	526474	43.032	ng	98
75) Fluoranthene	19.524	202	626329	43.620	ng	100
77) Benzidine	19.695	184	301556	53.305	ng	100
78) Pyrene	19.882	202	619752	43.888	ng	99
80) Butylbenzylphthalate	20.758	149	228788	43.457	ng	99
81) Benzo(a)anthracene	21.739	228	606283	44.722	ng	99
82) 3,3'-Dichlorobenzidine	21.645	252	172415	34.582	ng	98
83) Chrysene	21.803	228	556227	44.209	ng	100
84) Bis(2-ethylhexyl)phtha...	21.627	149	324709	45.629	ng	98
85) Di-n-octyl phthalate	22.855	149	551620	46.348	ng	97
87) Indeno(1,2,3-cd)pyrene	28.817	276	683057	43.891	ng	# 96
88) Benzo(b)fluoranthene	24.000	252	635588	48.091	ng	98
89) Benzo(k)fluoranthene	24.071	252	597208	45.977	ng	99
90) Benzo(a)pyrene	24.893	252	609127	54.100	ng	98
91) Dibenzo(a,h)anthracene	28.876	278	585842	45.737	ng	98
92) Benzo(g,h,i)perylene	30.010	276	580762	46.002	ng	97

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

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