

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
 Data File : BG055124.D
 Acq On : 11 Oct 2022 12:14
 Operator : CG/JU
 Sample : PB148225BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148225BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/12/2022
 Supervised By : Jagrut Upadhyay 10/12/2022

Quant Time: Oct 12 06:18:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 08 03:04:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.329	152	35560	20.000	ng	0.00
21) Naphthalene-d8	11.161	136	161615	20.000	ng	0.00
39) Acenaphthene-d10	14.939	164	120041	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	286487	20.000	ng	0.00
76) Chrysene-d12	21.966	240	272677	20.000	ng	0.00
86) Perylene-d12	25.409	264	282769	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.849	112	277465	173.309	ng	0.00
7) Phenol-d6	7.465	99	373681	155.780	ng	0.00
23) Nitrobenzene-d5	9.504	82	236140	87.308	ng	0.00
42) 2,4,6-Tribromophenol	16.413	330	221273	175.088	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	600810	78.135	ng	0.00
79) Terphenyl-d14	20.244	244	1135004	84.131	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.675	88	24339	26.869	ng	95
3) Pyridine	4.093	79	69299	25.441	ng	95
4) n-Nitrosodimethylamine	3.999	42	51504	33.063	ng	87
6) Aniline	7.641	93	142748	40.672	ng	95
8) 2-Chlorophenol	7.888	128	107496	58.374	ng	95
9) Benzaldehyde	7.453	77	67869	35.220	ng	96
10) Phenol	7.489	94	139568	51.201	ng	96
11) bis(2-Chloroethyl)ether	7.735	93	91071	40.763	ng	96
12) 1,3-Dichlorobenzene	8.217	146	107503	42.411	ng	98
13) 1,4-Dichlorobenzene	8.364	146	108330	42.231	ng	98
14) 1,2-Dichlorobenzene	8.687	146	108223	43.424	ng	99
15) Benzyl Alcohol	8.558	79	109890	51.003	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.852	45	154484	36.505	ng	98
17) 2-Methylphenol	8.758	107	98092	51.075	ng	97
18) Hexachloroethane	9.433	117	37180	45.710	ng	90
19) n-Nitroso-di-n-propyla...	9.134	70	89652	38.583	ng	95
20) 3+4-Methylphenols	9.087	107	136651	51.092	ng	97
22) Acetophenone	9.157	105	170341	41.563	ng	# 96
24) Nitrobenzene	9.545	77	128108	43.622	ng	# 90
25) Isophorone	10.068	82	244246	42.490	ng	100
26) 2-Nitrophenol	10.262	139	64063	74.711	ng	# 89
27) 2,4-Dimethylphenol	10.303	122	113754	57.726	ng	98
28) bis(2-Chloroethoxy)met...	10.544	93	132008	44.879	ng	# 97
29) 2,4-Dichlorophenol	10.791	162	120025	49.659	ng	97
30) 1,2,4-Trichlorobenzene	11.020	180	118229	41.888	ng	96
31) Naphthalene	11.214	128	338745	39.714	ng	100
32) Benzoic acid	10.426	122	87987	63.302	ng	93
33) 4-Chloroaniline	11.308	127	116350	32.988	ng	97
34) Hexachlorobutadiene	11.490	225	76743	41.931	ng	97
35) Caprolactam	12.071	113	41594m	54.258	ng	
36) 4-Chloro-3-methylphenol	12.395	107	131297	47.725	ng	95
37) 2-Methylnaphthalene	12.794	142	253918	40.395	ng	97
38) 1-Methylnaphthalene	13.006	142	241110	39.434	ng	98
40) 1,2,4,5-Tetrachloroben...	13.147	216	148428	42.348	ng	99
41) Hexachlorocyclopentadiene	13.129	237	194174	128.653	ng	99
43) 2,4,6-Trichlorophenol	13.376	196	110039	51.262	ng	100

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44) 2,4,5-Trichlorophenol	13.446	196	120791	49.946	ng	98
46) 1,1'-Biphenyl	13.775	154	351521	42.710	ng	98
47) 2-Chloronaphthalene	13.828	162	272555	41.096	ng	99
48) 2-Nitroaniline	14.016	65	94588	50.458	ng	94
49) Acenaphthylene	14.663	152	445975	40.609	ng	100
50) Dimethylphthalate	14.380	163	380113	46.654	ng	99
51) 2,6-Dinitrotoluene	14.498	165	82033	49.068	ng	# 83
52) Acenaphthene	15.003	154	320619	47.018	ng	97
53) 3-Nitroaniline	14.827	138	74207	38.809	ng	95
54) 2,4-Dinitrophenol	15.033	184	106801	141.028	ng	# 45
55) Dibenzofuran	15.332	168	445431	40.942	ng	99
56) 4-Nitrophenol	15.115	139	150256	99.287	ng	98
57) 2,4-Dinitrotoluene	15.279	165	118459	51.694	ng	# 84
58) Fluorene	15.979	166	353433	40.595	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.550	232	110619	49.571	ng	99
60) Diethylphthalate	15.732	149	391626	46.584	ng	100
61) 4-Chlorophenyl-phenyle...	15.961	204	199639	42.184	ng	99
62) 4-Nitroaniline	15.990	138	91637	46.753	ng	94
63) Azobenzene	16.255	77	338779	35.780	ng	96
65) 4,6-Dinitro-2-methylph...	16.037	198	69111	64.720	ng	91
66) n-Nitrosodiphenylamine	16.172	169	326178	43.718	ng	96
67) 4-Bromophenyl-phenylether	16.854	248	135679	44.781	ng	96
68) Hexachlorobenzene	16.977	284	154411	44.080	ng	95
69) Atrazine	17.107	200	142319	58.548	ng	99
70) Pentachlorophenol	17.312	266	198781	98.917	ng	96
71) Phenanthrene	17.712	178	612143	40.677	ng	99
72) Anthracene	17.806	178	609422	41.637	ng	99
73) Carbazole	18.064	167	568318	44.238	ng	100
74) Di-n-butylphthalate	18.605	149	675320	50.356	ng	100
75) Fluoranthene	19.704	202	744667	39.665	ng	98
77) Benzidine	19.868	184	375995	80.043	ng	98
78) Pyrene	20.062	202	743555	41.009	ng	98
80) Butylbenzylphthalate	20.926	149	288523	50.538	ng	97
81) Benzo(a)anthracene	21.942	228	711504	41.075	ng	99
82) 3,3'-Dichlorobenzidine	21.842	252	236649	46.995	ng	96
83) Chrysene	22.013	228	660960	39.590	ng	100
84) Bis(2-ethylhexyl)phtha...	21.825	149	416252	48.949	ng	98
85) Di-n-octyl phthalate	23.117	149	701914	49.150	ng	95
87) Indeno(1,2,3-cd)pyrene	29.386	276	874856	42.872	ng	99
88) Benzo(b)fluoranthene	24.310	252	767389	46.059	ng	100
89) Benzo(k)fluoranthene	24.386	252	749146	44.632	ng	99
90) Benzo(a)pyrene	25.250	252	673916	47.194	ng	98
91) Dibenzo(a,h)anthracene	29.457	278	757534	45.698	ng	98
92) Benzo(g,h,i)perylene	30.632	276	751170	45.141	ng	100

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

Manual Integrations

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