

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
 Data File : BG060859.D
 Acq On : 11 Apr 2024 14:42
 Operator : MA/JU
 Sample : PB160120BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB160120BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 12 04:33:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	53167	20.000	ng	-0.01
21) Naphthalene-d8	10.746	136	228321	20.000	ng	-0.01
39) Acenaphthene-d10	14.577	164	186721	20.000	ng	-0.01
64) Phenanthrene-d10	17.326	188	448432	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	389001	20.000	ng	-0.02
86) Perylene-d12	24.718	264	451363	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	427885	134.070	ng	0.00
7) Phenol-d6	7.115	99	635264	134.095	ng	0.00
23) Nitrobenzene-d5	9.107	82	400798	100.167	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	365691	172.529	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	1071617	84.229	ng	-0.01
79) Terphenyl-d14	19.953	244	1905007	86.231	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.454	88	43922	33.567	ng	97
3) Pyridine	3.836	79	117900	29.871	ng	91
4) n-Nitrosodimethylamine	3.754	42	101633	43.078	ng	86
6) Aniline	7.273	93	153383	25.639	ng	100
8) 2-Chlorophenol	7.514	128	174917	48.343	ng	96
9) Benzaldehyde	7.085	77	27369m	10.477	ng	
10) Phenol	7.144	94	230352	47.644	ng	99
11) bis(2-Chloroethyl)ether	7.373	93	150251	38.491	ng	95
12) 1,3-Dichlorobenzene	7.837	146	166310	44.200	ng	96
13) 1,4-Dichlorobenzene	7.984	146	168298	43.842	ng	98
14) 1,2-Dichlorobenzene	8.302	146	164984	43.856	ng	97
15) Benzyl Alcohol	8.184	79	171715	44.747	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.466	45	383285	43.509	ng	99
17) 2-Methylphenol	8.390	107	155932	42.722	ng	98
18) Hexachloroethane	9.030	117	61237	44.916	ng	91
19) n-Nitroso-di-n-propyla...	8.754	70	143954	39.846	ng	# 97
20) 3+4-Methylphenols	8.713	107	219523	43.922	ng	97
22) Acetophenone	8.766	105	273065	43.374	ng	# 97
24) Nitrobenzene	9.148	77	202843	45.684	ng	97
25) Isophorone	9.671	82	384422	41.712	ng	99
26) 2-Nitrophenol	9.853	139	89283	55.462	ng	# 89
27) 2,4-Dimethylphenol	9.917	122	136113	36.766	ng	97
28) bis(2-Chloroethoxy)met...	10.152	93	229171	42.119	ng	99
29) 2,4-Dichlorophenol	10.393	162	183406	53.949	ng	98
30) 1,2,4-Trichlorobenzene	10.611	180	181969	47.271	ng	98
31) Naphthalene	10.799	128	528724	42.809	ng	99
32) Benzoic acid	10.064	122	129905	52.065	ng	99
33) 4-Chloroaniline	10.899	127	87663	15.281	ng	99
34) Hexachlorobutadiene	11.087	225	130004	50.673	ng	97
35) Caprolactam	11.668	113	62203m	46.198	ng	
36) 4-Chloro-3-methylphenol	12.027	107	213086	49.066	ng	100
37) 2-Methylnaphthalene	12.403	142	383082	42.189	ng	99
38) 1-Methylnaphthalene	12.620	142	361228	42.111	ng	97
40) 1,2,4,5-Tetrachloroben...	12.773	216	251313	46.817	ng	98
41) Hexachlorocyclopentadiene	12.755	237	298126	109.223	ng	100
43) 2,4,6-Trichlorophenol	13.014	196	181491	52.507	ng	95

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44) 2,4,5-Trichlorophenol	13.084	196	201768	48.914	ng	98
46) 1,1'-Biphenyl	13.413	154	560258	42.480	ng	99
47) 2-Chloronaphthalene	13.454	162	443409	44.250	ng	99
48) 2-Nitroaniline	13.648	65	169618	51.547	ng	97
49) Acenaphthylene	14.300	152	748886	44.479	ng	100
50) Dimethylphthalate	14.042	163	626184	42.428	ng	99
51) 2,6-Dinitrotoluene	14.154	165	128490	48.580	ng	92
52) Acenaphthene	14.647	154	507790m	48.035	ng	
53) 3-Nitroaniline	14.477	138	83302	29.881	ng	98
54) 2,4-Dinitrophenol	14.688	184	158414	154.206	ng	91
55) Dibenzofuran	14.982	168	696126	41.748	ng	99
56) 4-Nitrophenol	14.794	139	227914	105.636	ng	96
57) 2,4-Dinitrotoluene	14.941	165	189176	54.243	ng	91
58) Fluorene	15.628	166	576843	43.104	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.205	232	189708	52.772	ng	97
60) Diethylphthalate	15.411	149	617759	41.605	ng	98
61) 4-Chlorophenyl-phenyle...	15.628	204	310190	43.812	ng	95
62) 4-Nitroaniline	15.646	138	133822	49.594	ng	95
63) Azobenzene	15.916	77	585237	40.448	ng	97
65) 4,6-Dinitro-2-methylph...	15.705	198	113354	59.310	ng	99
66) n-Nitrosodiphenylamine	15.840	169	546441	42.642	ng	96
67) 4-Bromophenyl-phenylether	16.521	248	216722	47.621	ng	99
68) Hexachlorobenzene	16.633	284	246320	47.946	ng	99
69) Atrazine	16.792	200	211217	47.134	ng	99
70) Pentachlorophenol	16.980	266	335843	100.185	ng	97
71) Phenanthrene	17.373	178	982042	42.108	ng	100
72) Anthracene	17.461	178	1001158	42.270	ng	100
73) Carbazole	17.726	167	877764	42.033	ng	99
74) Di-n-butylphthalate	18.302	149	1038595	39.892	ng	99
75) Fluoranthene	19.383	202	1193443	42.171	ng	97
77) Benzidine	19.559	184	300229	29.310	ng	98
78) Pyrene	19.741	202	1224040	44.992	ng	100
80) Butylbenzylphthalate	20.646	149	444454	44.784	ng	96
81) Benzo(a)anthracene	21.568	228	1215764	44.338	ng	99
82) 3,3'-Dichlorobenzidine	21.486	252	288435	31.153	ng	96
83) Chrysene	21.633	228	1139815	43.127	ng	99
84) Bis(2-ethylhexyl)phtha...	21.504	149	637118	40.278	ng	98
85) Di-n-octyl phthalate	22.702	149	1115893	43.303	ng	99
87) Indeno(1,2,3-cd)pyrene	28.278	276	1456888	45.836	ng	# 96
88) Benzo(b)fluoranthene	23.731	252	1190539	45.912	ng	98
89) Benzo(k)fluoranthene	23.801	252	1173091	44.199	ng	99
90) Benzo(a)pyrene	24.577	252	1115636	44.272	ng	97
91) Dibenzo(a,h)anthracene	28.355	278	1182001	44.114	ng	# 95
92) Benzo(g,h,i)perylene	29.389	276	1106363	42.447	ng	97

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

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