

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
 Data File : BG060825.D
 Acq On : 8 Apr 2024 14:29
 Operator : MA/JU
 Sample : PB160037BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB160037BS

Manual Integrations

APPROVED

Reviewed By :Yogesh

Patel

04/10/2024

Supervised By :mohammad

ahmed

04/10/2024

Quant Time: Apr 08 15:06:14 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	7.950	152	59162	20.000	ng	-0.01
21) Naphthalene-d8	10.746	136	236369	20.000	ng	-0.01
39) Acenaphthene-d10	14.577	164	184007	20.000	ng	-0.01
64) Phenanthrene-d10	17.327	188	458778	20.000	ng	-0.01
76) Chrysene-d12	21.593	240	436726	20.000	ng	-0.01
86) Perylene-d12	24.724	264	485378	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	471109	132.655	ng	0.00
7) Phenol-d6	7.115	99	635568	120.564	ng	0.00
23) Nitrobenzene-d5	9.107	82	420466	101.504	ng	0.00
42) 2,4,6-Tribromophenol	16.070	330	363708	174.125	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	1095207	87.353	ng	-0.01
79) Terphenyl-d14	19.953	244	2098444	84.607	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.455	88	52245	35.882	ng	98
3) Pyridine	3.843	79	125667	28.613	ng	87
4) n-Nitrosodimethylamine	3.755	42	114503	43.615	ng	98
6) Aniline	7.274	93	133205	20.010	ng	98
8) 2-Chlorophenol	7.515	128	184715	45.878	ng	96
10) Phenol	7.145	94	233686	43.436	ng	98
11) bis(2-Chloroethyl)ether	7.374	93	171223	39.419	ng	97
12) 1,3-Dichlorobenzene	7.838	146	182983	43.703	ng	97
13) 1,4-Dichlorobenzene	7.985	146	193670	45.339	ng	100
14) 1,2-Dichlorobenzene	8.302	146	185786	44.381	ng	99
15) Benzyl Alcohol	8.185	79	181144	42.421	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.479	45	399595	40.764	ng	99
17) 2-Methylphenol	8.390	107	170425	41.962	ng	99
18) Hexachloroethane	9.031	117	69103	45.550	ng	88
19) n-Nitroso-di-n-propyla...	8.755	70	151378	37.655	ng	97
20) 3+4-Methylphenols	8.719	107	230784	41.496	ng	92
22) Acetophenone	8.766	105	303039	46.496	ng	97
24) Nitrobenzene	9.148	77	215887	46.889	ng	98
25) Isophorone	9.671	82	415760	43.576	ng	99
26) 2-Nitrophenol	9.859	139	88323	53.444	ng	92
27) 2,4-Dimethylphenol	9.918	122	157976	41.219	ng	98
28) bis(2-Chloroethoxy)met...	10.159	93	238948	42.421	ng	100
29) 2,4-Dichlorophenol	10.394	162	184558	52.440	ng	99
30) 1,2,4-Trichlorobenzene	10.611	180	194411	48.783	ng	98
31) Naphthalene	10.799	128	554649	43.379	ng	99
32) Benzoic acid	10.059	122	135116	52.277	ng	93
33) 4-Chloroaniline	10.899	127	75104	12.646	ng	97
34) Hexachlorobutadiene	11.087	225	132386	49.845	ng	98
35) Caprolactam	11.675	113	66607m	47.784	ng	
36) 4-Chloro-3-methylphenol	12.027	107	217712	48.424	ng	99
37) 2-Methylnaphthalene	12.403	142	392092	41.711	ng	99
38) 1-Methylnaphthalene	12.627	142	385879	43.453	ng	97
40) 1,2,4,5-Tetrachloroben...	12.773	216	259683	49.089	ng	99
41) Hexachlorocyclopentadiene	12.756	237	286913	106.665	ng	99
43) 2,4,6-Trichlorophenol	13.009	196	175770	51.602	ng	97
44) 2,4,5-Trichlorophenol	13.085	196	197962	48.699	ng	96

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46) 1,1'-Biphenyl	13.414	154	587781	45.224	ng	99
47) 2-Chloronaphthalene	13.455	162	457469	46.327	ng	98
48) 2-Nitroaniline	13.655	65	165827	51.201	ng	100
49) Acenaphthylene	14.301	152	773627	46.626	ng	99
50) Dimethylphthalate	14.043	163	640804	44.059	ng	99
51) 2,6-Dinitrotoluene	14.154	165	129014	49.431	ng	95
52) Acenaphthene	14.648	154	534103m	51.269	ng	
53) 3-Nitroaniline	14.477	138	69946	25.882	ng	97
54) 2,4-Dinitrophenol	14.683	184	157757	155.832	ng	89
55) Dibenzofuran	14.983	168	735680	44.771	ng	99
56) 4-Nitrophenol	14.795	139	244364	114.931	ng	96
57) 2,4-Dinitrotoluene	14.942	165	184802	53.821	ng	94
58) Fluorene	15.629	166	602540	45.688	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.206	232	191928	54.177	ng	99
60) Diethylphthalate	15.412	149	640687	43.785	ng	98
61) 4-Chlorophenyl-phenyle...	15.629	204	321522	46.083	ng	95
62) 4-Nitroaniline	15.647	138	140122	52.695	ng	98
63) Azobenzene	15.923	77	604060	42.365	ng	96
65) 4,6-Dinitro-2-methylph...	15.705	198	102427	53.205	ng	98
66) n-Nitrosodiphenylamine	15.840	169	567834	43.312	ng	97
67) 4-Bromophenyl-phenylether	16.522	248	222844	47.862	ng	99
68) Hexachlorobenzene	16.634	284	257466	48.985	ng	97
69) Atrazine	16.792	200	217792	47.505	ng	98
70) Pentachlorophenol	16.980	266	348777	101.697	ng	99
71) Phenanthrene	17.374	178	1065461	44.655	ng	99
72) Anthracene	17.462	178	1058113	43.667	ng	99
73) Carbazole	17.727	167	949872	44.460	ng	99
74) Di-n-butylphthalate	18.308	149	1120923	42.084	ng	99
75) Fluoranthene	19.383	202	1286517	44.435	ng	97
77) Benzidine	19.560	184	216559	18.831	ng	98
78) Pyrene	19.742	202	1350137	44.204	ng	99
80) Butylbenzylphthalate	20.647	149	494377	44.371	ng	100
81) Benzo(a)anthracene	21.575	228	1377756	44.755	ng	99
82) 3,3'-Dichlorobenzidine	21.493	252	319598	30.747	ng	# 97
83) Chrysene	21.640	228	1280426	43.153	ng	100
84) Bis(2-ethylhexyl)phtha...	21.516	149	731600	41.197	ng	95
85) Di-n-octyl phthalate	22.709	149	1278480	44.191	ng	99
87) Indeno(1,2,3-cd)pyrene	28.285	276	1645739	48.149	ng	# 97
88) Benzo(b)fluoranthene	23.743	252	1380247	49.498	ng	97
89) Benzo(k)fluoranthene	23.808	252	1317300	46.154	ng	98
90) Benzo(a)pyrene	24.577	252	1210415	44.667	ng	99
91) Dibenzo(a,h)anthracene	28.361	278	1383604	48.020	ng	96
92) Benzo(g,h,i)perylene	29.401	276	1317670	47.012	ng	98

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

