

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
 Data File : BG057921.D
 Acq On : 30 Jun 2023 16:11
 Operator : CG/JU
 Sample : PB153724BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB153724BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/05/2023

Quant Time: Jun 30 17:55:25 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 28 01:12:33 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	40388	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	187023	20.000	ng	0.00
39) Acenaphthene-d10	14.559	164	140943	20.000	ng	0.00
64) Phenanthrene-d10	17.303	188	362123	20.000	ng	0.00
76) Chrysene-d12	21.557	240	299384	20.000	ng	0.00
86) Perylene-d12	24.706	264	359414	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.494	112	354842	134.423	ng	0.00
7) Phenol-d6	7.086	99	511125	129.485	ng	0.00
23) Nitrobenzene-d5	9.083	82	294905	77.277	ng	0.00
42) 2,4,6-Tribromophenol	16.046	330	269775	113.960	ng	0.00
45) 2-Fluorobiphenyl	13.179	172	703289	76.148	ng	0.00
79) Terphenyl-d14	19.918	244	1345944	81.961	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.390	88	46405	38.353	ng	95
3) Pyridine	3.784	79	111455	31.922	ng	94
4) n-Nitrosodimethylamine	3.696	42	59617	41.426	ng	93
6) Aniline	7.244	93	131447	26.656	ng	98
8) 2-Chlorophenol	7.485	128	135880	51.276	ng	98
9) Benzaldehyde	7.056	77	41226m	16.475	ng	
10) Phenol	7.115	94	191515	49.928	ng	98
11) bis(2-Chloroethyl)ether	7.338	93	125637	43.445	ng	99
12) 1,3-Dichlorobenzene	7.808	146	126693	46.481	ng	96
13) 1,4-Dichlorobenzene	7.955	146	125565	45.863	ng	98
14) 1,2-Dichlorobenzene	8.273	146	125116	47.222	ng	99
15) Benzyl Alcohol	8.155	79	132049	45.404	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.449	45	203301m	42.219	ng	
17) 2-Methylphenol	8.361	107	133222	46.847	ng	98
18) Hexachloroethane	9.001	117	44143	46.271	ng	97
19) n-Nitroso-di-n-propyla...	8.725	70	107694	40.773	ng	97
20) 3+4-Methylphenols	8.690	107	183348	46.276	ng	99
22) Acetophenone	8.743	105	213131	40.947	ng	99
24) Nitrobenzene	9.125	77	158419	41.358	ng	97
25) Isophorone	9.648	82	322541	39.145	ng	98
26) 2-Nitrophenol	9.836	139	70802	45.361	ng	98
27) 2,4-Dimethylphenol	9.894	122	141537	47.032	ng	98
28) bis(2-Chloroethoxy)met...	10.129	93	186787	42.184	ng	99
29) 2,4-Dichlorophenol	10.370	162	140765	47.696	ng	99
30) 1,2,4-Trichlorobenzene	10.588	180	136486	42.957	ng	97
31) Naphthalene	10.776	128	409677	41.036	ng	99
32) Benzoic acid	10.041	122	110168	46.805	ng	93
33) 4-Chloroaniline	10.881	127	78336	16.678	ng	98
34) Hexachlorobutadiene	11.058	225	80087	40.867	ng	98
35) Caprolactam	11.657	113	55772m	43.604	ng	
36) 4-Chloro-3-methylphenol	12.009	107	177853	45.391	ng	100
37) 2-Methylnaphthalene	12.385	142	295128	40.103	ng	98
38) 1-Methylnaphthalene	12.603	142	281665	40.505	ng	100
40) 1,2,4,5-Tetrachloroben...	12.750	216	162086	41.105	ng	99
41) Hexachlorocyclopentadiene	12.726	237	191853	90.507	ng	99
43) 2,4,6-Trichlorophenol	12.991	196	129698	44.621	ng	99

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44) 2,4,5-Trichlorophenol	13.067	196	144827	41.864	ng	97
46) 1,1'-Biphenyl	13.390	154	402585	41.936	ng	98
47) 2-Chloronaphthalene	13.437	162	311135	42.202	ng	99
48) 2-Nitroaniline	13.637	65	126855	43.183	ng	88
49) Acenaphthylene	14.283	152	531819	41.132	ng	99
50) Dimethylphthalate	14.013	163	453445	40.591	ng	100
51) 2,6-Dinitrotoluene	14.130	165	101340	43.692	ng	97
52) Acenaphthene	14.624	154	308480	40.842	ng	99
53) 3-Nitroaniline	14.465	138	70964	26.913	ng	97
54) 2,4-Dinitrophenol	14.671	184	122032	95.233	ng	95
55) Dibenzofuran	14.959	168	522142	40.303	ng	99
56) 4-Nitrophenol	14.777	139	190502	88.122	ng	98
57) 2,4-Dinitrotoluene	14.918	165	148432	44.103	ng	97
58) Fluorene	15.605	166	422485	40.404	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.182	232	134278	42.817	ng	99
60) Diethylphthalate	15.376	149	476335	40.452	ng	99
61) 4-Chlorophenyl-phenyle...	15.593	204	223938	39.928	ng	97
62) 4-Nitroaniline	15.629	138	112132	40.541	ng	98
63) Azobenzene	15.893	77	447180	39.712	ng	100
65) 4,6-Dinitro-2-methylph...	15.682	198	90860	46.626	ng	97
66) n-Nitrosodiphenylamine	15.811	169	389277	42.123	ng	100
67) 4-Bromophenyl-phenylether	16.492	248	158629	41.498	ng	96
68) Hexachlorobenzene	16.604	284	174011	43.109	ng	97
69) Atrazine	16.763	200	147918	43.099	ng	98
70) Pentachlorophenol	16.951	266	233016	75.484	ng	98
71) Phenanthrene	17.344	178	727059	41.826	ng	100
72) Anthracene	17.438	178	735127	41.004	ng	99
73) Carbazole	17.703	167	720650	42.276	ng	99
74) Di-n-butylphthalate	18.261	149	873423	41.456	ng	99
75) Fluoranthene	19.354	202	876795	40.038	ng	99
77) Benzidine	19.536	184	183116	26.071	ng	100
78) Pyrene	19.718	202	895640	41.897	ng	99
80) Butylbenzylphthalate	20.605	149	368319	42.489	ng	99
81) Benzo(a)anthracene	21.539	228	865242	41.762	ng	100
82) 3,3'-Dichlorobenzidine	21.457	252	277047	37.581	ng	99
83) Chrysene	21.604	228	808472	41.226	ng	99
84) Bis(2-ethylhexyl)phtha...	21.445	149	523607	42.544	ng	100
85) Di-n-octyl phthalate	22.632	149	938322	43.205	ng	97
87) Indeno(1,2,3-cd)pyrene	28.296	276	1072691	45.053	ng	# 94
88) Benzo(b)fluoranthene	23.708	252	914018	46.626	ng	99
89) Benzo(k)fluoranthene	23.778	252	877192	44.275	ng	100
90) Benzo(a)pyrene	24.559	252	802827	41.343	ng	99
91) Dibenzo(a,h)anthracene	28.367	278	899501	45.543	ng	99
92) Benzo(g,h,i)perylene	29.430	276	883784	45.025	ng	98

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

