

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
 Data File : BG058851.D
 Acq On : 25 Aug 2023 15:35
 Operator : MA/JU
 Sample : PB155022BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB155022BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2023

Supervised By :mohammad ahmed 08/28/2023

Quant Time: Aug 26 09:16:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 09:13:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	15364	20.000	ng	0.00
21) Naphthalene-d8	10.632	136	70100	20.000	ng	0.00
39) Acenaphthene-d10	14.475	164	54995	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	140745	20.000	ng	0.00
76) Chrysene-d12	21.461	240	114172	20.000	ng	0.00
86) Perylene-d12	24.540	264	142945	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.403	112	143729	150.545	ng	0.00
7) Phenol-d6	7.007	99	193913	144.766	ng	0.00
23) Nitrobenzene-d5	8.993	82	121993	83.668	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	121685	141.115	ng	0.00
45) 2-Fluorobiphenyl	13.094	172	304822	80.617	ng	0.00
79) Terphenyl-d14	19.839	244	608128	95.641	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.276	88	14258	31.765	ng	# 93
3) Pyridine	3.676	79	37970	32.011	ng	96
4) n-Nitrosodimethylamine	3.599	42	29847	46.285	ng	# 95
6) Aniline	7.160	93	77188	47.140	ng	96
8) 2-Chlorophenol	7.395	128	52049	53.918	ng	99
9) Benzaldehyde	6.972	77	34449m	45.849	ng	
10) Phenol	7.031	94	71653	55.474	ng	95
11) bis(2-Chloroethyl)ether	7.254	93	47450	47.080	ng	96
12) 1,3-Dichlorobenzene	7.718	146	50927	49.667	ng	99
13) 1,4-Dichlorobenzene	7.865	146	51639	49.802	ng	96
14) 1,2-Dichlorobenzene	8.182	146	50082	49.974	ng	99
15) Benzyl Alcohol	8.071	79	52562	54.883	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.359	45	109183m	50.833	ng	
17) 2-Methylphenol	8.282	107	48521	51.146	ng	98
18) Hexachloroethane	8.905	117	18824	49.827	ng	98
19) n-Nitroso-di-n-propyla...	8.635	70	42326	48.883	ng	96
20) 3+4-Methylphenols	8.605	107	64896	50.881	ng	100
22) Acetophenone	8.658	105	84684	44.627	ng	# 98
24) Nitrobenzene	9.040	77	63640	43.884	ng	96
25) Isophorone	9.557	82	128125	44.188	ng	99
26) 2-Nitrophenol	9.751	139	28007	46.178	ng	95
27) 2,4-Dimethylphenol	9.810	122	53316	51.869	ng	95
28) bis(2-Chloroethoxy)met...	10.039	93	67877	44.194	ng	97
29) 2,4-Dichlorophenol	10.286	162	53845	50.978	ng	100
30) 1,2,4-Trichlorobenzene	10.497	180	57132	44.792	ng	97
31) Naphthalene	10.685	128	166128	45.135	ng	99
32) Benzoic acid	9.968	122	27513m	44.191	ng	
33) 4-Chloroaniline	10.797	127	64068	41.273	ng	98
34) Hexachlorobutadiene	10.956	225	37805	43.916	ng	96
35) Caprolactam	11.584	113	21152m	55.885	ng	
36) 4-Chloro-3-methylphenol	11.931	107	68545	52.184	ng	95
37) 2-Methylnaphthalene	12.295	142	118921	44.985	ng	97
38) 1-Methylnaphthalene	12.513	142	113993	45.426	ng	98
40) 1,2,4,5-Tetrachloroben...	12.665	216	69410	40.940	ng	100
41) Hexachlorocyclopentadiene	12.642	237	62474	92.165	ng	98
43) 2,4,6-Trichlorophenol	12.912	196	51790	48.007	ng	97

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44) 2,4,5-Trichlorophenol	12.988	196	58245	45.086	ng	95
46) 1,1'-Biphenyl	13.306	154	161015	42.501	ng	97
47) 2-Chloronaphthalene	13.353	162	129966	44.021	ng	98
48) 2-Nitroaniline	13.564	65	52029	46.401	ng	99
49) Acenaphthylene	14.199	152	215508	44.017	ng	97
50) Dimethylphthalate	13.934	163	192897	45.301	ng	99
51) 2,6-Dinitrotoluene	14.058	165	41797	46.723	ng	94
52) Acenaphthene	14.540	154	127094	44.421	ng	98
53) 3-Nitroaniline	14.393	138	36692	42.526	ng	98
54) 2,4-Dinitrophenol	14.610	184	46887	92.591	ng	92
55) Dibenzofuran	14.874	168	219595	44.494	ng	99
56) 4-Nitrophenol	14.716	139	64219	101.610	ng	99
57) 2,4-Dinitrotoluene	14.851	165	60887	48.798	ng	97
58) Fluorene	15.527	166	183893	46.819	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.109	232	55393	52.545	ng	95
60) Diethylphthalate	15.292	149	203053	46.251	ng	99
61) 4-Chlorophenyl-phenyle...	15.515	204	99800	45.842	ng	95
62) 4-Nitroaniline	15.562	138	42112	48.095	ng	91
63) Azobenzene	15.809	77	181420	45.003	ng	98
65) 4,6-Dinitro-2-methylph...	15.621	198	36980	46.483	ng	99
66) n-Nitrosodiphenylamine	15.732	169	163389	45.041	ng	98
67) 4-Bromophenyl-phenylether	16.408	248	69731	45.149	ng	98
68) Hexachlorobenzene	16.531	284	77996	46.922	ng	99
69) Atrazine	16.684	200	68978	53.730	ng	99
70) Pentachlorophenol	16.878	266	75922	87.103	ng	97
71) Phenanthrene	17.266	178	301549	44.629	ng	98
72) Anthracene	17.354	178	306506	45.229	ng	99
73) Carbazole	17.630	167	285235	45.964	ng	98
74) Di-n-butylphthalate	18.176	149	349836	44.688	ng	99
75) Fluoranthene	19.275	202	369225	44.065	ng	98
77) Benzidine	19.463	184	226492	110.690	ng	98
78) Pyrene	19.639	202	374268	47.047	ng	98
80) Butylbenzylphthalate	20.521	149	151991	47.109	ng	97
81) Benzo(a)anthracene	21.443	228	363490	45.737	ng	98
82) 3,3'-Dichlorobenzidine	21.361	252	132047	48.126	ng	100
83) Chrysene	21.508	228	339530	44.323	ng	98
84) Bis(2-ethylhexyl)phtha...	21.343	149	218592	46.195	ng	99
85) Di-n-octyl phthalate	22.495	149	379035	46.571	ng	99
87) Indeno(1,2,3-cd)pyrene	28.053	276	451415	46.676	ng	# 94
88) Benzo(b)fluoranthene	23.564	252	385560	48.612	ng	98
89) Benzo(k)fluoranthene	23.629	252	383352	46.867	ng	99
90) Benzo(a)pyrene	24.393	252	346631	44.386	ng	99
91) Dibenzo(a,h)anthracene	28.106	278	378550	47.635	ng	98
92) Benzo(g,h,i)perylene	29.158	276	370089	46.579	ng	96

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

