

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
 Data File : BG058748.D
 Acq On : 16 Aug 2023 14:45
 Operator : MA/JU
 Sample : PB154352BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154352BS

Quant Time: Aug 16 15:18:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	25676	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	114101	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	83954	20.000	ng	0.00
64) Phenanthrene-d10	17.208	188	211241	20.000	ng	# 0.00
76) Chrysene-d12	21.450	240	178607	20.000	ng	0.00
86) Perylene-d12	24.528	264	226413	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	267463	159.217	ng	0.00
7) Phenol-d6	6.984	99	368421	157.613	ng	0.00
23) Nitrobenzene-d5	8.976	82	226099	97.345	ng	0.00
42) 2,4,6-Tribromophenol	15.956	330	198673	144.378	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	539996	96.390	ng	0.00
79) Terphenyl-d14	19.828	244	1007797	106.109	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.265	88	29756	36.555	ng	# 85
3) Pyridine	3.659	79	74515	33.576	ng	# 78
4) n-Nitrosodimethylamine	3.582	42	50887	54.117	ng	# 76
6) Aniline	7.137	93	109087	37.905	ng	96
8) 2-Chlorophenol	7.378	128	94212	57.168	ng	98
9) Benzaldehyde	6.949	77	49993	39.366	ng	98
10) Phenol	7.014	94	129137	56.555	ng	93
11) bis(2-Chloroethyl)ether	7.237	93	87030	48.346	ng	94
12) 1,3-Dichlorobenzene	7.695	146	89836	51.050	ng	97
13) 1,4-Dichlorobenzene	7.848	146	92256	52.212	ng	96
14) 1,2-Dichlorobenzene	8.165	146	90615	53.640	ng	98
15) Benzyl Alcohol	8.054	79	96127	64.846	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.341	45	188371	64.420	ng	93
17) 2-Methylphenol	8.259	107	88559	53.044	ng	95
18) Hexachloroethane	8.888	117	34121	53.129	ng	92
19) n-Nitroso-di-n-propyla...	8.618	70	76116	50.413	ng	91
20) 3+4-Methylphenols	8.588	107	123329	54.611	ng	99
22) Acetophenone	8.635	105	147520	48.285	ng	96
24) Nitrobenzene	9.017	77	113126	47.909	ng	96
25) Isophorone	9.534	82	224825	46.848	ng	100
26) 2-Nitrophenol	9.728	139	51255	49.866	ng	96
27) 2,4-Dimethylphenol	9.793	122	95923	56.262	ng	99
28) bis(2-Chloroethoxy)met...	10.022	93	125531	48.066	ng	99
29) 2,4-Dichlorophenol	10.269	162	96205	54.346	ng	100
30) 1,2,4-Trichlorobenzene	10.474	180	102303	50.111	ng	97
31) Naphthalene	10.662	128	288112	47.909	ng	99
32) Benzoic acid	9.957	122	53013m	41.421	ng	
33) 4-Chloroaniline	10.780	127	71871	28.286	ng	97
34) Hexachlorobutadiene	10.938	225	66626	50.677	ng	99
35) Caprolactam	11.567	113	34958m	53.477	ng	
36) 4-Chloro-3-methylphenol	11.914	107	119130	54.401	ng	99
37) 2-Methylnaphthalene	12.278	142	204190	47.467	ng	98
38) 1-Methylnaphthalene	12.495	142	193224	47.253	ng	98
40) 1,2,4,5-Tetrachloroben...	12.648	216	120935	46.920	ng	99
41) Hexachlorocyclopentadiene	12.625	237	117637	96.708	ng	97
43) 2,4,6-Trichlorophenol	12.895	196	89765	50.634	ng	99

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44) 2,4,5-Trichlorophenol	12.971	196	97804	46.838	ng	94
46) 1,1'-Biphenyl	13.289	154	278098	48.234	ng	97
47) 2-Chloronaphthalene	13.336	162	220903	49.139	ng	97
48) 2-Nitroaniline	13.547	65	90613	52.809	ng	98
49) Acenaphthylene	14.182	152	364562	48.438	ng	100
50) Dimethylphthalate	13.917	163	313743	49.760	ng	99
51) 2,6-Dinitrotoluene	14.047	165	69420	50.178	ng	96
52) Acenaphthene	14.522	154	210039	48.297	ng	99
53) 3-Nitroaniline	14.376	138	46247	33.412	ng #	96
54) 2,4-Dinitrophenol	14.593	184	75132	94.809	ng	93
55) Dibenzofuran	14.863	168	365569	48.920	ng	99
56) 4-Nitrophenol	14.699	139	107566	103.842	ng #	86
57) 2,4-Dinitrotoluene	14.840	165	101440	52.889	ng	93
58) Fluorene	15.510	166	295158	49.720	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	89573	50.270	ng	97
60) Diethylphthalate	15.280	149	328361	51.120	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	162265	49.028	ng	95
62) 4-Nitroaniline	15.545	138	72071	54.966	ng	93
63) Azobenzene	15.797	77	307263	48.565	ng	96
65) 4,6-Dinitro-2-methylph...	15.604	198	60467	51.914	ng	97
66) n-Nitrosodiphenylamine	15.721	169	265137	48.224	ng	99
67) 4-Bromophenyl-phenylether	16.397	248	112909	47.125	ng	96
68) Hexachlorobenzene	16.514	284	126316	49.753	ng	98
69) Atrazine	16.673	200	113499	61.152	ng	98
70) Pentachlorophenol	16.861	266	134056	87.236	ng	98
71) Phenanthrene	17.249	178	496310	49.542	ng	98
72) Anthracene	17.343	178	503178	48.951	ng	99
73) Carbazole	17.613	167	461169	50.876	ng	98
74) Di-n-butylphthalate	18.165	149	580712	51.147	ng	99
75) Fluoranthene	19.264	202	600270	49.882	ng	98
77) Benzidine	19.452	184	209211	77.245	ng	97
78) Pyrene	19.628	202	609508	50.144	ng	99
80) Butylbenzylphthalate	20.515	149	258069	51.688	ng	97
81) Benzo(a)anthracene	21.432	228	619735	50.419	ng	98
82) 3,3'-Dichlorobenzidine	21.356	252	182977	44.028	ng	96
83) Chrysene	21.497	228	569382	48.314	ng	99
84) Bis(2-ethylhexyl)phtha...	21.332	149	372677	51.078	ng	98
85) Di-n-octyl phthalate	22.484	149	656381	51.169	ng	97
87) Indeno(1,2,3-cd)pyrene	28.030	276	775057	51.456	ng #	88
88) Benzo(b)fluoranthene	23.547	252	663152	54.002	ng	99
89) Benzo(k)fluoranthene	23.612	252	644352	52.231	ng	99
90) Benzo(a)pyrene	24.381	252	589387	48.872	ng	100
91) Dibenzo(a,h)anthracene	28.089	278	646124	51.878	ng	98
92) Benzo(g,h,i)perylene	29.123	276	627980	50.283	ng	98

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

