

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
 Data File : BG058516.D
 Acq On : 28 Jul 2023 13:27
 Operator : MA/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/29/2023
 Supervised By :mohammad ahmed 07/29/2023

Quant Time: Jul 28 16:58:34 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 16:53:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	62101	20.000	ng	0.00
21) Naphthalene-d8	10.617	136	245645	20.000	ng	0.00
39) Acenaphthene-d10	14.465	164	163230	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	383574	20.000	ng	0.00
76) Chrysene-d12	21.451	240	324888	20.000	ng	0.00
86) Perylene-d12	24.518	264	422617	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.388	112	465583	114.591	ng	0.00
7) Phenol-d6	6.992	99	655566	115.956	ng	0.00
23) Nitrobenzene-d5	8.983	82	603219	120.635	ng	0.00
42) 2,4,6-Tribromophenol	15.958	330	319190	119.303	ng	0.00
45) 2-Fluorobiphenyl	13.084	172	1253097	115.045	ng	0.00
79) Terphenyl-d14	19.829	244	1951959	112.984	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.272	88	112527	57.155	ng	100
3) Pyridine	3.672	79	314910	58.668	ng	97
4) n-Nitrosodimethylamine	3.590	42	131681	57.900	ng	98
6) Aniline	7.144	93	408067	58.625	ng	99
8) 2-Chlorophenol	7.379	128	232230	58.263	ng	96
9) Benzaldehyde	6.956	77	159142	51.812	ng	96
10) Phenol	7.015	94	322249	58.350	ng	99
11) bis(2-Chloroethyl)ether	7.244	93	255920	58.780	ng	99
12) 1,3-Dichlorobenzene	7.702	146	243513	57.214	ng	99
13) 1,4-Dichlorobenzene	7.849	146	247380	57.886	ng	96
14) 1,2-Dichlorobenzene	8.167	146	232881	56.996	ng	97
15) Benzyl Alcohol	8.061	79	230028	64.158	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.349	45	409577	57.912	ng	99
17) 2-Methylphenol	8.261	107	235010	58.199	ng	98
18) Hexachloroethane	8.895	117	90099	58.004	ng	97
19) n-Nitroso-di-n-propyla...	8.625	70	211344	57.874	ng	98
20) 3+4-Methylphenols	8.596	107	326399	59.757	ng	98
22) Acetophenone	8.643	105	387745	58.951	ng	# 99
24) Nitrobenzene	9.024	77	305793	60.154	ng	97
25) Isophorone	9.547	82	611973	59.233	ng	99
26) 2-Nitrophenol	9.735	139	139571	63.073	ng	99
27) 2,4-Dimethylphenol	9.794	122	219243	59.731	ng	99
28) bis(2-Chloroethoxy)met...	10.029	93	340570	60.572	ng	98
29) 2,4-Dichlorophenol	10.270	162	232478	61.000	ng	100
30) 1,2,4-Trichlorobenzene	10.482	180	259724	59.094	ng	99
31) Naphthalene	10.670	128	755660	58.366	ng	99
32) Benzoic acid	9.982	122	177803	62.009	ng	95
33) 4-Chloroaniline	10.781	127	341396	62.411	ng	99
34) Hexachlorobutadiene	10.946	225	168950	59.690	ng	98
35) Caprolactam	11.586	113	82937m	58.932	ng	
36) 4-Chloro-3-methylphenol	11.915	107	282831	59.993	ng	98
37) 2-Methylnaphthalene	12.280	142	540350	58.346	ng	98
38) 1-Methylnaphthalene	12.503	142	510462	57.984	ng	98
40) 1,2,4,5-Tetrachloroben...	12.650	216	301065	60.077	ng	100
41) Hexachlorocyclopentadiene	12.626	237	135895	60.225	ng	96
43) 2,4,6-Trichlorophenol	12.896	196	212256	61.580	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
 Data File : BG058516.D
 Acq On : 28 Jul 2023 13:27
 Operator : MA/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/29/2023

Supervised By :mohammad ahmed 07/29/2023

Quant Time: Jul 28 16:58:34 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 16:53:40 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.973	196	247408	60.940	ng	98
46) 1,1'-Biphenyl	13.296	154	663497	59.189	ng	99
47) 2-Chloronaphthalene	13.337	162	521369	59.651	ng	99
48) 2-Nitroaniline	13.549	65	210278	63.031	ng	97
49) Acenaphthylene	14.189	152	857707	58.613	ng	99
50) Dimethylphthalate	13.925	163	718910	58.644	ng	100
51) 2,6-Dinitrotoluene	14.048	165	162479	60.405	ng	99
52) Acenaphthene	14.530	154	498407	58.945	ng	99
53) 3-Nitroaniline	14.377	138	171379	63.682	ng	99
54) 2,4-Dinitrophenol	14.589	184	91990	62.476	ng	100
55) Dibenzofuran	14.865	168	837621	57.651	ng	100
56) 4-Nitrophenol	14.694	139	123729	62.772	ng	98
57) 2,4-Dinitrotoluene	14.835	165	228342	61.232	ng	95
58) Fluorene	15.511	166	652730	56.552	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.094	232	208520	60.190	ng	98
60) Diethylphthalate	15.282	149	719381	57.602	ng	100
61) 4-Chlorophenyl-phenyle...	15.505	204	373211	57.998	ng	98
62) 4-Nitroaniline	15.546	138	164310	64.966	ng	96
63) Azobenzene	15.799	77	712776	57.944	ng	99
65) 4,6-Dinitro-2-methylph...	15.605	198	141886	67.086	ng	96
66) n-Nitrosodiphenylamine	15.723	169	584069	58.504	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	262010	60.225	ng	97
68) Hexachlorobenzene	16.516	284	274751	59.598	ng	100
69) Atrazine	16.668	200	182651	54.197	ng	99
70) Pentachlorophenol	16.862	266	185459	66.760	ng	98
71) Phenanthrene	17.250	178	1046737	57.542	ng	99
72) Anthracene	17.344	178	1078160	57.763	ng	98
73) Carbazole	17.614	167	976627	59.335	ng	99
74) Di-n-butylphthalate	18.167	149	1208036	58.596	ng	99
75) Fluoranthene	19.265	202	1264613	57.874	ng	99
77) Benzidine	19.453	184	290447	58.955	ng	99
78) Pyrene	19.630	202	1286752	58.197	ng	99
80) Butylbenzylphthalate	20.517	149	546736	60.199	ng	98
81) Benzo(a)anthracene	21.433	228	1327542	59.375	ng	99
82) 3,3'-Dichlorobenzidine	21.351	252	460119	60.866	ng	97
83) Chrysene	21.498	228	1258763	58.719	ng	99
84) Bis(2-ethylhexyl)phtha...	21.334	149	788612	59.420	ng	98
85) Di-n-octyl phthalate	22.485	149	1406083	60.260	ng	99
87) Indeno(1,2,3-cd)pyrene	28.020	276	1705786	60.671	ng	# 53
88) Benzo(b)fluoranthene	23.549	252	1353132	59.033	ng	99
89) Benzo(k)fluoranthene	23.613	252	1363271	59.203	ng	99
90) Benzo(a)pyrene	24.377	252	1350429	59.991	ng	98
91) Dibenzo(a,h)anthracene	28.079	278	1412442	60.757	ng	99
92) Benzo(g,h,i)perylene	29.124	276	1410975	60.527	ng	97

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

