

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059735.D
 Acq On : 17 Nov 2023 18:10
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2023

Supervised By :mohammad ahmed 11/21/2023

Quant Time: Nov 18 04:17:31 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 17 01:51:38 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.340	152	26668	20.000	ng	# 0.00
21) Naphthalene-d8	11.190	136	128544	20.000	ng	# 0.00
39) Acenaphthene-d10	14.968	164	100634	20.000	ng	0.00
64) Phenanthrene-d10	17.717	188	211164	20.000	ng	# 0.00
76) Chrysene-d12	22.048	240	181143	20.000	ng	# 0.00
86) Perylene-d12	25.632	264	279337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.831	112	123572	77.992	ng	0.00
7) Phenol-d6	7.459	99	208244	88.692	ng	0.00
23) Nitrobenzene-d5	9.539	82	285470	84.817	ng	0.00
42) 2,4,6-Tribromophenol	16.454	330	96114	84.176	ng	0.00
45) 2-Fluorobiphenyl	13.593	172	592764	79.286	ng	0.00
79) Terphenyl-d14	20.297	244	1089351	88.778	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.675	88	29060	39.050	ng	94
3) Pyridine	4.092	79	67609	33.263	ng	# 91
4) n-Nitrosodimethylamine	4.016	42	40825	37.755	ng	# 69
6) Aniline	7.664	93	131186	42.337	ng	94
8) 2-Chlorophenol	7.894	128	69876	40.652	ng	91
9) Benzaldehyde	7.482	77	67123	42.292	ng	93
10) Phenol	7.488	94	105754	43.702	ng	92
11) bis(2-Chloroethyl)ether	7.753	93	59517	39.509	ng	98
12) 1,3-Dichlorobenzene	8.223	146	76331	39.979	ng	95
13) 1,4-Dichlorobenzene	8.375	146	76990	40.155	ng	93
14) 1,2-Dichlorobenzene	8.693	146	74796	39.266	ng	92
15) Benzyl Alcohol	8.581	79	118199	44.146	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.845	45	21478m	38.753	ng	
17) 2-Methylphenol	8.763	107	74035	41.537	ng	93
18) Hexachloroethane	9.427	117	35986	44.221	ng	# 86
19) n-Nitroso-di-n-propyla...	9.145	70	76273	41.251	ng	97
20) 3+4-Methylphenols	9.098	107	111393	45.018	ng	93
22) Acetophenone	9.186	105	152211	41.825	ng	# 96
24) Nitrobenzene	9.580	77	129752	41.858	ng	92
25) Isophorone	10.091	82	231343	40.942	ng	97
26) 2-Nitrophenol	10.291	139	47175	41.511	ng	92
27) 2,4-Dimethylphenol	10.314	122	98134	42.470	ng	95
28) bis(2-Chloroethoxy)met...	10.573	93	91316	43.006	ng	95
29) 2,4-Dichlorophenol	10.814	162	86850	44.024	ng	83
30) 1,2,4-Trichlorobenzene	11.031	180	82874	41.566	ng	# 92
31) Naphthalene	11.243	128	260422	40.290	ng	# 96
32) Benzoic acid	10.432	122	68607	43.628	ng	# 82
33) 4-Chloroaniline	11.354	127	115552	42.030	ng	91
34) Hexachlorobutadiene	11.472	225	52211	38.477	ng	# 85
35) Caprolactam	12.147	113	28500	39.528	ng	# 70
36) 4-Chloro-3-methylphenol	12.429	107	119136	45.408	ng	93
37) 2-Methylnaphthalene	12.817	142	224132	41.171	ng	90
38) 1-Methylnaphthalene	13.035	142	209945	41.819	ng	88
40) 1,2,4,5-Tetrachloroben...	13.158	216	104405	38.415	ng	94
41) Hexachlorocyclopentadiene	13.117	237	74680	43.806	ng	95
43) 2,4,6-Trichlorophenol	13.405	196	78171m	41.362	ng	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.475	196	89968	40.514	ng	# 86
46) 1,1'-Biphenyl	13.810	154	312131	39.515	ng	97
47) 2-Chloronaphthalene	13.863	162	218463	40.251	ng	97
48) 2-Nitroaniline	14.075	65	90302	46.600	ng	97
49) Acenaphthylene	14.703	152	377086	40.746	ng	# 95
50) Dimethylphthalate	14.415	163	318707	40.867	ng	# 99
51) 2,6-Dinitrotoluene	14.556	165	61676	41.689	ng	92
52) Acenaphthene	15.032	154	228715	41.094	ng	96
53) 3-Nitroaniline	14.897	138	67164	38.785	ng	# 79
54) 2,4-Dinitrophenol	15.085	184	44723	40.681	ng	# 86
55) Dibenzofuran	15.367	168	366375	39.926	ng	93
56) 4-Nitrophenol	15.167	139	53718	40.546	ng	98
57) 2,4-Dinitrotoluene	15.332	165	94997	41.754	ng	# 92
58) Fluorene	16.013	166	318304	41.752	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.573	232	80980	41.485	ng	99
60) Diethylphthalate	15.755	149	341713	40.855	ng	96
61) 4-Chlorophenyl-phenyle...	15.996	204	163498	41.666	ng	96
62) 4-Nitroaniline	16.055	138	67593	38.946	ng	92
63) Azobenzene	16.290	77	368380	39.633	ng	97
65) 4,6-Dinitro-2-methylph...	16.078	198	61825	47.909	ng	93
66) n-Nitrosodiphenylamine	16.219	169	286618	46.465	ng	92
67) 4-Bromophenyl-phenylether	16.895	248	101639	44.804	ng	95
68) Hexachlorobenzene	16.983	284	96480	45.567	ng	96
69) Atrazine	17.147	200	81003	40.958	ng	97
70) Pentachlorophenol	17.335	266	72503	44.884	ng	91
71) Phenanthrene	17.764	178	454553	42.339	ng	96
72) Anthracene	17.852	178	474359	42.525	ng	98
73) Carbazole	18.129	167	412017	42.279	ng	98
74) Di-n-butylphthalate	18.634	149	496289	42.132	ng	98
75) Fluoranthene	19.756	202	544030	42.255	ng	96
77) Benzidine	19.944	184	166459	40.525	ng	98
78) Pyrene	20.120	202	532752	43.226	ng	99
80) Butylbenzylphthalate	20.972	149	213500	42.246	ng	91
81) Benzo(a)anthracene	22.024	228	524084	42.284	ng	95
82) 3,3'-Dichlorobenzidine	21.936	252	200322	43.383	ng	94
83) Chrysene	22.100	228	479329	42.188	ng	97
84) Bis(2-ethylhexyl)phtha...	21.854	149	310600	43.965	ng	# 99
85) Di-n-octyl phthalate	23.187	149	507967	37.349	ng	# 97
87) Indeno(1,2,3-cd)pyrene	29.786	276	978507m	46.295	ng	
88) Benzo(b)fluoranthene	24.474	252	534435	34.907	ng	99
89) Benzo(k)fluoranthene	24.556	252	541959	35.806	ng	# 96
90) Benzo(a)pyrene	25.461	252	662387	40.538	ng	# 96
91) Dibenzo(a,h)anthracene	29.891	278	827413	46.270	ng	96
92) Benzo(g,h,i)perylene	31.125	276	788457	46.468	ng	93

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

