

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
 Data File : BG059815.D
 Acq On : 22 Nov 2023 12:33
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/23/2023

Supervised By :mohammad ahmed 11/25/2023

Quant Time: Nov 22 13:08:22 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	8.331	152	33283	20.000	ng	-0.01
21) Naphthalene-d8	11.181	136	149279	20.000	ng	#-0.01
39) Acenaphthene-d10	14.964	164	143424	20.000	ng	0.00
64) Phenanthrene-d10	17.714	188	342028	20.000	ng	# 0.00
76) Chrysene-d12	22.044	240	267937	20.000	ng	# 0.00
86) Perylene-d12	25.634	264	300662	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.822	112	145291	73.474	ng	0.00
7) Phenol-d6	7.456	99	217949	74.376	ng	0.00
23) Nitrobenzene-d5	9.536	82	316105	80.873	ng	0.00
42) 2,4,6-Tribromophenol	16.451	330	158633	97.481	ng	0.00
45) 2-Fluorobiphenyl	13.584	172	923493	86.671	ng	-0.01
79) Terphenyl-d14	20.294	244	1672178	92.132	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.666	88	51896	55.876	ng	93
3) Pyridine	4.083	79	149400	58.895	ng	# 94
4) n-Nitrosodimethylamine	4.013	42	67531	50.041	ng	# 68
6) Aniline	7.661	93	142689	36.897	ng	# 93
8) 2-Chlorophenol	7.885	128	86954	40.534	ng	91
9) Benzaldehyde	7.473	77	73144	36.926	ng	85
10) Phenol	7.485	94	114588	37.941	ng	100
11) bis(2-Chloroethyl)ether	7.749	93	64673	34.399	ng	90
12) 1,3-Dichlorobenzene	8.214	146	92875	38.976	ng	94
13) 1,4-Dichlorobenzene	8.372	146	90707	37.907	ng	96
14) 1,2-Dichlorobenzene	8.689	146	85587	36.001	ng	87
15) Benzyl Alcohol	8.578	79	134240	40.172	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.854	45	24387m	35.256	ng	
17) 2-Methylphenol	8.754	107	89256	40.124	ng	90
18) Hexachloroethane	9.424	117	42583	41.928	ng	88
19) n-Nitroso-di-n-propyla...	9.142	70	84870	36.778	ng	# 91
20) 3+4-Methylphenols	9.089	107	120006	38.860	ng	99
22) Acetophenone	9.177	105	175868	41.613	ng	# 95
24) Nitrobenzene	9.577	77	137682	38.247	ng	96
25) Isophorone	10.088	82	241989	36.878	ng	# 96
26) 2-Nitrophenol	10.288	139	55769	42.257	ng	91
27) 2,4-Dimethylphenol	10.311	122	100778	37.556	ng	92
28) bis(2-Chloroethoxy)met...	10.564	93	94878	38.477	ng	98
29) 2,4-Dichlorophenol	10.805	162	93891	40.983	ng	91
30) 1,2,4-Trichlorobenzene	11.028	180	99171	42.831	ng	95
31) Naphthalene	11.234	128	301555	40.173	ng	97
32) Benzoic acid	10.393	122	38286m	20.965	ng	
33) 4-Chloroaniline	11.351	127	127795	40.027	ng	97
34) Hexachlorobutadiene	11.457	225	68659	43.570	ng	94
35) Caprolactam	12.150	113	31600	37.740	ng	88
36) 4-Chloro-3-methylphenol	12.426	107	130962	42.982	ng	97
37) 2-Methylnaphthalene	12.814	142	350292	55.407	ng	92
38) 1-Methylnaphthalene	13.026	142	333948	57.279	ng	92
40) 1,2,4,5-Tetrachloroben...	13.155	216	169117	43.661	ng	98
41) Hexachlorocyclopentadiene	13.108	237	157368	64.769	ng	89
43) 2,4,6-Trichlorophenol	13.396	196	119521	44.374	ng	86

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.472	196	135147	42.702	ng	# 80
46) 1,1'-Biphenyl	13.801	154	473170	42.031	ng	97
47) 2-Chloronaphthalene	13.854	162	334582	43.254	ng	# 87
48) 2-Nitroaniline	14.071	65	126507	45.807	ng	96
49) Acenaphthylene	14.694	152	566398	42.943	ng	# 96
50) Dimethylphthalate	14.406	163	499064	44.902	ng	98
51) 2,6-Dinitrotoluene	14.547	165	94837	44.978	ng	88
52) Acenaphthene	15.029	154	344435	43.422	ng	94
53) 3-Nitroaniline	14.888	138	104414	42.306	ng	98
54) 2,4-Dinitrophenol	15.082	184	34355	21.927	ng	# 78
55) Dibenzofuran	15.358	168	549335	42.004	ng	94
56) 4-Nitrophenol	15.164	139	75615	40.046	ng	# 91
57) 2,4-Dinitrotoluene	15.329	165	144444	44.546	ng	94
58) Fluorene	16.010	166	477511	43.948	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.570	232	122772	44.130	ng	96
60) Diethylphthalate	15.746	149	524920	44.036	ng	98
61) 4-Chlorophenyl-phenyle...	15.987	204	247635	44.279	ng	98
62) 4-Nitroaniline	16.051	138	97580	39.450	ng	95
63) Azobenzene	16.286	77	553752	41.803	ng	96
65) 4,6-Dinitro-2-methylph...	16.075	198	61451	29.399	ng	99
66) n-Nitrosodiphenylamine	16.210	169	431190	43.157	ng	98
67) 4-Bromophenyl-phenylether	16.892	248	169733	46.193	ng	# 86
68) Hexachlorobenzene	16.980	284	152476	44.461	ng	# 91
69) Atrazine	17.144	200	131119	40.932	ng	94
70) Pentachlorophenol	17.338	266	99516	38.036	ng	93
71) Phenanthrene	17.761	178	772192	44.406	ng	98
72) Anthracene	17.849	178	768457	42.532	ng	97
73) Carbazole	18.125	167	649417	41.143	ng	97
74) Di-n-butylphthalate	18.625	149	812721	42.596	ng	98
75) Fluoranthene	19.753	202	839407	40.251	ng	100
77) Benzidine	19.935	184	220014	36.212	ng	# 92
78) Pyrene	20.117	202	826092	45.314	ng	98
80) Butylbenzylphthalate	20.969	149	340623	45.567	ng	99
81) Benzo(a)anthracene	22.027	228	765674	41.765	ng	99
82) 3,3'-Dichlorobenzidine	21.933	252	292502	42.826	ng	90
83) Chrysene	22.097	228	726269	43.216	ng	95
84) Bis(2-ethylhexyl)phtha...	21.845	149	448916	42.959	ng	# 94
85) Di-n-octyl phthalate	23.184	149	725478	36.063	ng	# 96
87) Indeno(1,2,3-cd)pyrene	29.794	276	904303m	39.749	ng	
88) Benzo(b)fluoranthene	24.477	252	763194	46.313	ng	96
89) Benzo(k)fluoranthene	24.547	252	743738	45.651	ng	# 99
90) Benzo(a)pyrene	25.464	252	719889	40.933	ng	95
91) Dibenzo(a,h)anthracene	29.888	278	751228	39.030	ng	# 91
92) Benzo(g,h,i)perylene	31.134	276	708455	38.792	ng	100

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

