

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110424\
 Data File : BG063150.D
 Acq On : 4 Nov 2024 10:44
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024
 Supervised By :mohammad ahmed 11/06/2024

Quant Time: Nov 04 11:09:27 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 01 05:13:40 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	123316	20.000	ng	0.00
21) Naphthalene-d8	10.633	136	479253	20.000	ng	# 0.00
39) Acenaphthene-d10	14.481	164	378176	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	976269	20.000	ng	0.00
76) Chrysene-d12	21.479	240	1119716	20.000	ng	0.00
86) Perylene-d12	24.511	264	1268895	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.433	112	565101	71.058	ng	0.00
7) Phenol-d6	7.019	99	796075	76.389	ng	0.00
23) Nitrobenzene-d5	8.999	82	848668	77.018	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	506479	78.844	ng	0.00
45) 2-Fluorobiphenyl	13.100	172	1895917	74.253	ng	0.00
79) Terphenyl-d14	19.857	244	4057031	74.561	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.347	88	116900	37.411	ng	95
3) Pyridine	3.735	79	291090	38.590	ng	91
4) n-Nitrosodimethylamine	3.653	42	187311	39.975	ng	98
6) Aniline	7.172	93	359930	38.405	ng	98
8) 2-Chlorophenol	7.407	128	283837	38.431	ng	97
9) Benzaldehyde	6.984	77	250674	38.710	ng	92
10) Phenol	7.043	94	429965	38.513	ng	95
11) bis(2-Chloroethyl)ether	7.266	93	286659	38.070	ng	92
12) 1,3-Dichlorobenzene	7.730	146	325031	36.274	ng	98
13) 1,4-Dichlorobenzene	7.877	146	337115	36.906	ng	99
14) 1,2-Dichlorobenzene	8.194	146	323986	36.796	ng	97
15) Benzyl Alcohol	8.077	79	334216	39.912	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.371	45	531881m	38.943	ng	
17) 2-Methylphenol	8.288	107	284221	40.020	ng	96
18) Hexachloroethane	8.917	117	124520	38.091	ng	92
19) n-Nitroso-di-n-propyla...	8.647	70	285079	39.279	ng	94
20) 3+4-Methylphenols	8.611	107	373924	39.477	ng	91
22) Acetophenone	8.659	105	500136	38.945	ng	# 97
24) Nitrobenzene	9.040	77	469282	39.386	ng	98
25) Isophorone	9.557	82	776849	40.757	ng	98
26) 2-Nitrophenol	9.745	139	179717	41.012	ng	# 82
27) 2,4-Dimethylphenol	9.810	122	218111	40.486	ng	98
28) bis(2-Chloroethoxy)met...	10.045	93	402556	40.278	ng	97
29) 2,4-Dichlorophenol	10.280	162	315394	38.762	ng	97
30) 1,2,4-Trichlorobenzene	10.498	180	378356	37.805	ng	97
31) Naphthalene	10.680	128	999496	39.535	ng	96
32) Benzoic acid	9.969	122	177769m	37.865	ng	
33) 4-Chloroaniline	10.791	127	357941	41.954	ng	95
34) Hexachlorobutadiene	10.968	225	302513	36.727	ng	94
35) Caprolactam	11.555	113	107868	41.511	ng	# 89
36) 4-Chloro-3-methylphenol	11.919	107	362172	38.634	ng	99
37) 2-Methylnaphthalene	12.295	142	688563	38.395	ng	97
38) 1-Methylnaphthalene	12.513	142	687910	38.970	ng	100
40) 1,2,4,5-Tetrachloroben...	12.666	216	495577	36.468	ng	99
41) Hexachlorocyclopentadiene	12.648	237	162035	36.697	ng	93
43) 2,4,6-Trichlorophenol	12.906	196	300373	36.919	ng	89

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 01 05:13:40 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.983	196	340375	38.049	ng	97
46) 1,1'-Biphenyl	13.306	154	969370	37.766	ng	98
47) 2-Chloronaphthalene	13.347	162	818862	38.093	ng	98
48) 2-Nitroaniline	13.559	65	303845	40.272	ng	93
49) Acenaphthylene	14.199	152	1185685	39.071	ng	97
50) Dimethylphthalate	13.935	163	1069657	39.686	ng	96
51) 2,6-Dinitrotoluene	14.052	165	232501	40.402	ng	90
52) Acenaphthene	14.546	154	742709	39.531	ng	96
53) 3-Nitroaniline	14.381	138	235383	43.082	ng	96
54) 2,4-Dinitrophenol	14.593	184	137910	39.294	ng	98
55) Dibenzofuran	14.881	168	1314955	39.694	ng	98
56) 4-Nitrophenol	14.698	139	185809	44.919	ng	96
57) 2,4-Dinitrotoluene	14.845	165	354066	43.018	ng	96
58) Fluorene	15.527	166	1063259	40.502	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.110	232	342936	39.948	ng	97
60) Diethylphthalate	15.304	149	1142967	41.300	ng	99
61) 4-Chlorophenyl-phenyle...	15.521	204	649793	39.823	ng	97
62) 4-Nitroaniline	15.550	138	267774	44.422	ng	94
63) Azobenzene	15.815	77	1187505	41.485	ng	98
65) 4,6-Dinitro-2-methylph...	15.615	198	252799	40.276	ng	96
66) n-Nitrosodiphenylamine	15.738	169	935860	38.425	ng	96
67) 4-Bromophenyl-phenylether	16.414	248	457479	38.237	ng	97
68) Hexachlorobenzene	16.537	284	527470	38.055	ng	98
69) Atrazine	16.690	200	363486	32.466	ng	94
70) Pentachlorophenol	16.878	266	275632	39.970	ng	95
71) Phenanthrene	17.272	178	1856695	39.231	ng	99
72) Anthracene	17.360	178	1836627	39.538	ng	99
73) Carbazole	17.630	167	1759745	40.243	ng	99
74) Di-n-butylphthalate	18.194	149	1980891	39.899	ng	98
75) Fluoranthene	19.287	202	2544652	37.985	ng	98
77) Benzidine	19.469	184	420662	24.383	ng	98
78) Pyrene	19.651	202	2623868	39.530	ng	98
80) Butylbenzylphthalate	20.550	149	862786	40.343	ng	92
81) Benzo(a)anthracene	21.461	228	2701246	38.309	ng	99
82) 3,3'-Dichlorobenzidine	21.379	252	997507	38.156	ng	95
83) Chrysene	21.526	228	2551356	38.519	ng	98
84) Bis(2-ethylhexyl)phtha...	21.379	149	1240985	40.000	ng	97
85) Di-n-octyl phthalate	22.519	149	2098582	40.430	ng	100
87) Indeno(1,2,3-cd)pyrene	27.942	276	3354760	39.392	ng	# 95
88) Benzo(b)fluoranthene	23.559	252	2907607	39.303	ng	97
89) Benzo(k)fluoranthene	23.617	252	2744733	38.888	ng	98
90) Benzo(a)pyrene	24.375	252	2503312	38.767	ng	97
91) Dibenzo(a,h)anthracene	27.989	278	2809535	39.522	ng	99
92) Benzo(g,h,i)perylene	29.011	276	2754940	39.207	ng	97

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

