

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
 Data File : BG057847.D
 Acq On : 23 Jun 2023 18:26
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 25 01:38:07 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jun 20 03:40:38 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	39328	20.000	ng	0.00
21) Naphthalene-d8	10.729	136	182769	20.000	ng	0.00
39) Acenaphthene-d10	14.559	164	135177	20.000	ng	0.00
64) Phenanthrene-d10	17.303	188	324978	20.000	ng	0.00
76) Chrysene-d12	21.557	240	269673	20.000	ng	0.00
86) Perylene-d12	24.706	264	342485	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.494	112	204867	80.321	ng	0.00
7) Phenol-d6	7.086	99	320610	82.380	ng	0.00
23) Nitrobenzene-d5	9.089	82	298316	83.770	ng	0.00
42) 2,4,6-Tribromophenol	16.046	330	173164	91.962	ng	0.00
45) 2-Fluorobiphenyl	13.185	172	701231	78.681	ng	0.00
79) Terphenyl-d14	19.918	244	1149463	79.480	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.402	88	43322	37.313	ng	92
3) Pyridine	3.796	79	138388	39.135	ng	92
4) n-Nitrosodimethylamine	3.713	42	55962	34.635	ng	87
6) Aniline	7.250	93	201693	40.475	ng	98
8) 2-Chlorophenol	7.491	128	106899	40.740	ng	97
9) Benzaldehyde	7.062	77	83087	33.953	ng	94
10) Phenol	7.115	94	153647	40.097	ng	95
11) bis(2-Chloroethyl)ether	7.344	93	119031	40.402	ng	97
12) 1,3-Dichlorobenzene	7.814	146	105645	39.562	ng	99
13) 1,4-Dichlorobenzene	7.961	146	107459	39.715	ng	98
14) 1,2-Dichlorobenzene	8.279	146	103791	39.643	ng	97
15) Benzyl Alcohol	8.161	79	120996	40.659	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.455	45	194669m	34.397	ng	
17) 2-Methylphenol	8.361	107	117829	41.808	ng	94
18) Hexachloroethane	9.007	117	38311	40.155	ng	97
19) n-Nitroso-di-n-propyla...	8.731	70	110464	40.712	ng	91
20) 3+4-Methylphenols	8.690	107	164578	42.275	ng	98
22) Acetophenone	8.743	105	205980	40.189	ng	# 96
24) Nitrobenzene	9.131	77	150991	40.739	ng	94
25) Isophorone	9.648	82	333154	40.948	ng	99
26) 2-Nitrophenol	9.841	139	65943	55.925	ng	97
27) 2,4-Dimethylphenol	9.894	122	118941	40.743	ng	99
28) bis(2-Chloroethoxy)met...	10.135	93	177463	40.503	ng	99
29) 2,4-Dichlorophenol	10.370	162	118187	42.633	ng	98
30) 1,2,4-Trichlorobenzene	10.588	180	123419	39.941	ng	97
31) Naphthalene	10.776	128	386108	39.693	ng	98
32) Benzoic acid	10.035	122	105548	49.107	ng	99
33) 4-Chloroaniline	10.881	127	189628	42.072	ng	96
34) Hexachlorobutadiene	11.064	225	76861	40.770	ng	99
35) Caprolactam	11.669	113	49251	43.781	ng	# 82
36) 4-Chloro-3-methylphenol	12.010	107	154417	42.650	ng	98
37) 2-Methylnaphthalene	12.386	142	291079	41.053	ng	98
38) 1-Methylnaphthalene	12.603	142	272994	40.787	ng	98
40) 1,2,4,5-Tetrachloroben...	12.750	216	151381	40.396	ng	99
41) Hexachlorocyclopentadiene	12.732	237	88443	44.454	ng	98
43) 2,4,6-Trichlorophenol	12.991	196	116980	43.595	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.061	196	139689	44.661	ng	94
46) 1,1'-Biphenyl	13.396	154	368617	39.715	ng	98
47) 2-Chloronaphthalene	13.437	162	286181	40.134	ng	100
48) 2-Nitroaniline	13.637	65	115985	45.771	ng	94
49) Acenaphthylene	14.283	152	493418	40.314	ng	99
50) Dimethylphthalate	14.013	163	421024	40.552	ng	100
51) 2,6-Dinitrotoluene	14.136	165	90999	47.597	ng	90
52) Acenaphthene	14.624	154	314760m	41.542	ng	
53) 3-Nitroaniline	14.465	138	98224	45.588	ng	92
54) 2,4-Dinitrophenol	14.665	184	51291	52.408	ng	99
55) Dibenzofuran	14.959	168	489189	40.153	ng	99
56) 4-Nitrophenol	14.765	139	78655	45.935	ng	97
57) 2,4-Dinitrotoluene	14.918	165	127010	48.988	ng	95
58) Fluorene	15.605	166	385691	39.993	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.182	232	115906	43.483	ng	99
60) Diethylphthalate	15.376	149	427035	40.092	ng	98
61) 4-Chlorophenyl-phenyle...	15.599	204	212088	41.360	ng	97
62) 4-Nitroaniline	15.629	138	98549	44.866	ng	98
63) Azobenzene	15.893	77	420183	38.565	ng	96
65) 4,6-Dinitro-2-methylph...	15.682	198	74629	49.769	ng	93
66) n-Nitrosodiphenylamine	15.811	169	344077	40.115	ng	97
67) 4-Bromophenyl-phenylether	16.493	248	142505	41.348	ng	93
68) Hexachlorobenzene	16.604	284	147855	42.082	ng	98
69) Atrazine	16.763	200	114638	38.935	ng	98
70) Pentachlorophenol	16.951	266	116014	44.695	ng	98
71) Phenanthrene	17.344	178	618128	39.284	ng	99
72) Anthracene	17.438	178	632268	39.351	ng	100
73) Carbazole	17.703	167	582302	39.306	ng	99
74) Di-n-butylphthalate	18.267	149	718975	40.988	ng	100
75) Fluoranthene	19.354	202	736908	39.312	ng	100
77) Benzidine	19.536	184	278131	43.998	ng	98
78) Pyrene	19.718	202	753170	39.152	ng	99
80) Butylbenzylphthalate	20.605	149	319543	43.666	ng	94
81) Benzo(a)anthracene	21.534	228	747173	40.383	ng	99
82) 3,3'-Dichlorobenzidine	21.457	252	272134	43.245	ng	100
83) Chrysene	21.598	228	708376	39.894	ng	99
84) Bis(2-ethylhexyl)phtha...	21.446	149	447260	42.096	ng	100
85) Di-n-octyl phthalate	22.638	149	817347	43.859	ng	97
87) Indeno(1,2,3-cd)pyrene	28.296	276	916162	40.914	ng	# 94
88) Benzo(b)fluoranthene	23.708	252	749578	39.940	ng	98
89) Benzo(k)fluoranthene	23.772	252	764904	40.017	ng	100
90) Benzo(a)pyrene	24.560	252	740054	40.151	ng	98
91) Dibenzo(a,h)anthracene	28.361	278	767049	41.286	ng	98
92) Benzo(g,h,i)perylene	29.424	276	758284	40.761	ng	99

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

