

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021723\
 Data File : BG056657.D
 Acq On : 17 Feb 2023 15:24
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/18/2023

Supervised By :mohammad ahmed 02/20/2023

Quant Time: Feb 18 00:03:35 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Feb 16 01:33:33 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.439	152	18248	20.000	ng	0.00
21) Naphthalene-d8	11.276	136	72796	20.000	ng	# 0.00
39) Acenaphthene-d10	15.043	164	58114	20.000	ng	0.00
64) Phenanthrene-d10	17.775	188	150803	20.000	ng	0.00
76) Chrysene-d12	22.093	240	142393	20.000	ng	0.00
86) Perylene-d12	25.636	264	158786	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.942	112	78194	69.721	ng	0.00
7) Phenol-d6	7.557	99	123965	74.828	ng	0.00
23) Nitrobenzene-d5	9.614	82	96364	67.778	ng	0.00
42) 2,4,6-Tribromophenol	16.517	330	56791	71.377	ng	0.00
45) 2-Fluorobiphenyl	13.674	172	348001	80.186	ng	0.00
79) Terphenyl-d14	20.342	244	696032	79.975	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.756	88	20447	41.585	ng	99
3) Pyridine	4.179	79	67103	43.146	ng	96
4) n-Nitrosodimethylamine	4.085	42	31000	42.762	ng	87
6) Aniline	7.745	93	91154	39.591	ng	97
8) 2-Chlorophenol	7.992	128	39167	35.297	ng	88
9) Benzaldehyde	7.557	77	33336	38.050	ng	91
10) Phenol	7.587	94	61255	36.146	ng	96
11) bis(2-Chloroethyl)ether	7.833	93	49935	39.272	ng	97
12) 1,3-Dichlorobenzene	8.327	146	52867	39.988	ng	97
13) 1,4-Dichlorobenzene	8.474	146	52826	39.675	ng	94
14) 1,2-Dichlorobenzene	8.797	146	50525	39.479	ng	97
15) Benzyl Alcohol	8.662	79	51115	34.458	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.961	45	65953m	38.635	ng	
17) 2-Methylphenol	8.862	107	43941	36.897	ng	95
18) Hexachloroethane	9.543	117	14680	34.806	ng	92
19) n-Nitroso-di-n-propyla...	9.244	70	48345	38.981	ng	96
20) 3+4-Methylphenols	9.191	107	60312	36.866	ng	94
22) Acetophenone	9.261	105	87754	39.453	ng	98
24) Nitrobenzene	9.655	77	53087	32.950	ng	# 94
25) Isophorone	10.178	82	136432	39.429	ng	99
26) 2-Nitrophenol	10.372	139	21950	37.494	ng	# 80
27) 2,4-Dimethylphenol	10.407	122	47780	35.716	ng	99
28) bis(2-Chloroethoxy)met...	10.654	93	71332	40.451	ng	98
29) 2,4-Dichlorophenol	10.906	162	47755	36.018	ng	96
30) 1,2,4-Trichlorobenzene	11.135	180	62719	39.710	ng	96
31) Naphthalene	11.329	128	163323	40.481	ng	98
32) Benzoic acid	10.530	122	33108	38.398	ng	# 78
33) 4-Chloroaniline	11.417	127	73883	40.082	ng	98
34) Hexachlorobutadiene	11.605	225	44974	39.846	ng	97
35) Caprolactam	12.187	113	15427	36.176	ng	# 88
36) 4-Chloro-3-methylphenol	12.499	107	55681	38.082	ng	98
37) 2-Methylnaphthalene	12.898	142	131005	41.125	ng	99
38) 1-Methylnaphthalene	13.115	142	121462	40.862	ng	95
40) 1,2,4,5-Tetrachloroben...	13.256	216	86053	39.833	ng	98
41) Hexachlorocyclopentadiene	13.239	237	38298	32.685	ng	96
43) 2,4,6-Trichlorophenol	13.480	196	44647	34.062	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.550	196	57293	36.470	ng	98
46) 1,1'-Biphenyl	13.885	154	172831	39.260	ng	97
47) 2-Chloronaphthalene	13.932	162	137520	39.476	ng	98
48) 2-Nitroaniline	14.120	65	24674	26.903	ng	# 82
49) Acenaphthylene	14.766	152	227455	40.183	ng	97
50) Dimethylphthalate	14.479	163	183928	38.286	ng	99
51) 2,6-Dinitrotoluene	14.596	165	31422	34.378	ng	97
52) Acenaphthene	15.107	154	142322	40.762	ng	99
53) 3-Nitroaniline	14.931	138	36186	38.804	ng	# 89
54) 2,4-Dinitrophenol	15.125	184	22188	39.978	ng	87
55) Dibenzofuran	15.436	168	242985	41.193	ng	99
56) 4-Nitrophenol	15.207	139	27808	38.921	ng	# 70
57) 2,4-Dinitrotoluene	15.378	165	44623	38.086	ng	92
58) Fluorene	16.083	166	191498	41.059	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.648	232	48430	35.175	ng	97
60) Diethylphthalate	15.830	149	187443	38.680	ng	99
61) 4-Chlorophenyl-phenyle...	16.059	204	117684	41.303	ng	98
62) 4-Nitroaniline	16.088	138	39822	40.974	ng	92
63) Azobenzene	16.353	77	195885	40.389	ng	98
65) 4,6-Dinitro-2-methylph...	16.135	198	29896	38.390	ng	89
66) n-Nitrosodiphenylamine	16.271	169	177008	40.348	ng	99
67) 4-Bromophenyl-phenylether	16.952	248	76353	39.435	ng	96
68) Hexachlorobenzene	17.081	284	81828	41.482	ng	98
69) Atrazine	17.205	200	61062	36.247	ng	98
70) Pentachlorophenol	17.416	266	47289	36.199	ng	95
71) Phenanthrene	17.816	178	334100	40.722	ng	100
72) Anthracene	17.910	178	338412	40.311	ng	99
73) Carbazole	18.168	167	291764	40.316	ng	98
74) Di-n-butylphthalate	18.703	149	292172	36.076	ng	100
75) Fluoranthene	19.802	202	436085	40.283	ng	98
77) Benzidine	19.960	184	127950	37.569	ng	98
78) Pyrene	20.160	202	434104	40.367	ng	99
80) Butylbenzylphthalate	21.030	149	100448	31.105	ng	94
81) Benzo(a)anthracene	22.070	228	431383	40.737	ng	98
82) 3,3'-Dichlorobenzidine	21.970	252	133854	38.960	ng	98
83) Chrysene	22.146	228	402280	40.636	ng	97
84) Bis(2-ethylhexyl)phtha...	21.946	149	163869	33.864	ng	96
85) Di-n-octyl phthalate	23.274	149	262346	32.619	ng	97
87) Indeno(1,2,3-cd)pyrene	29.737	276	512052	41.176	ng	# 98
88) Benzo(b)fluoranthene	24.502	252	424383	40.910	ng	98
89) Benzo(k)fluoranthene	24.578	252	410591	40.249	ng	99
90) Benzo(a)pyrene	25.472	252	411859	41.304	ng	99
91) Dibenzo(a,h)anthracene	29.814	278	420033	40.782	ng	99
92) Benzo(g,h,i)perylene	31.024	276	420175	41.751	ng	98

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

