

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090822\
 Data File : BG054880.D
 Acq On : 8 Sep 2022 10:11
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 09/09/2022
 Supervised By : Jagrut Upadhyay 09/09/2022

Quant Time: Sep 09 02:46:40 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Sep 09 02:45:21 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	43855	20.000	ng	0.00
21) Naphthalene-d8	10.978	136	174371	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	121190	20.000	ng	0.00
64) Phenanthrene-d10	17.535	188	277412	20.000	ng	0.00
76) Chrysene-d12	21.836	240	252654	20.000	ng	0.00
86) Perylene-d12	25.221	264	273785	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	195235	77.522	ng	0.00
7) Phenol-d6	7.306	99	271950	78.960	ng	0.00
23) Nitrobenzene-d5	9.327	82	256878	77.336	ng	0.00
42) 2,4,6-Tribromophenol	16.278	330	127723	84.342	ng	0.00
45) 2-Fluorobiphenyl	13.411	172	638784	79.223	ng	0.00
79) Terphenyl-d14	20.132	244	1007746	79.031	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.523	88	41081	34.161	ng	94
3) Pyridine	3.934	79	119460	35.614	ng	94
4) n-Nitrosodimethylamine	3.852	42	48389	33.372	ng	92
6) Aniline	7.471	93	156906	38.343	ng	96
8) 2-Chlorophenol	7.712	128	109794	39.903	ng	98
9) Benzaldehyde	7.283	77	80476	35.651	ng	96
10) Phenol	7.330	94	138973	39.236	ng	97
11) bis(2-Chloroethyl)ether	7.559	93	108032	37.924	ng	96
12) 1,3-Dichlorobenzene	8.035	146	126704	39.792	ng	97
13) 1,4-Dichlorobenzene	8.182	146	127700	39.759	ng	98
14) 1,2-Dichlorobenzene	8.505	146	120800	39.665	ng	99
15) Benzyl Alcohol	8.387	79	97875	39.336	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.675	45	151223	33.926	ng	97
17) 2-Methylphenol	8.593	107	98405	40.352	ng	97
18) Hexachloroethane	9.239	117	44941	38.587	ng	94
19) n-Nitroso-di-n-propyla...	8.957	70	91096	38.462	ng	# 94
20) 3+4-Methylphenols	8.922	107	138545	40.970	ng	97
22) Acetophenone	8.981	105	173300	39.726	ng	# 95
24) Nitrobenzene	9.369	77	128657	38.429	ng	97
25) Isophorone	9.892	82	241198	38.945	ng	98
26) 2-Nitrophenol	10.085	139	66630	45.055	ng	98
27) 2,4-Dimethylphenol	10.132	122	94641	40.391	ng	99
28) bis(2-Chloroethoxy)met...	10.367	93	136686	38.731	ng	99
29) 2,4-Dichlorophenol	10.626	162	114124	42.821	ng	98
30) 1,2,4-Trichlorobenzene	10.837	180	127117	41.737	ng	98
31) Naphthalene	11.031	128	372953	39.865	ng	99
32) Benzoic acid	10.332	122	18394m	17.012	ng	
33) 4-Chloroaniline	11.137	127	153540	40.257	ng	98
34) Hexachlorobutadiene	11.302	225	86740	44.451	ng	99
35) Caprolactam	11.913	113	39258	41.752	ng	# 81
36) 4-Chloro-3-methylphenol	12.253	107	120672	41.405	ng	97
37) 2-Methylnaphthalene	12.624	142	267488	40.794	ng	99
38) 1-Methylnaphthalene	12.847	142	260994	40.911	ng	98
40) 1,2,4,5-Tetrachloroben...	12.988	216	150894	41.305	ng	99
41) Hexachlorocyclopentadiene	12.959	237	77300	39.899	ng	99
43) 2,4,6-Trichlorophenol	13.229	196	93372	38.507	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.305	196	106025	38.935	ng	99
46) 1,1'-Biphenyl	13.622	154	351234	39.028	ng	98
47) 2-Chloronaphthalene	13.675	162	264621	38.717	ng	98
48) 2-Nitroaniline	13.875	65	82848	38.678	ng	92
49) Acenaphthylene	14.515	152	442403	39.225	ng	100
50) Dimethylphthalate	14.233	163	362692	38.846	ng	99
51) 2,6-Dinitrotoluene	14.363	165	77628	40.649	ng	86
52) Acenaphthene	14.856	154	283874m	39.183	ng	
53) 3-Nitroaniline	14.698	138	86057	40.255	ng	92
54) 2,4-Dinitrophenol	14.909	184	36246	37.514	ng	98
55) Dibenzofuran	15.185	168	419869	39.440	ng	100
56) 4-Nitrophenol	15.009	139	58363	35.278	ng	95
57) 2,4-Dinitrotoluene	15.150	165	110984	42.016	ng	87
58) Fluorene	15.837	166	352521	39.307	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.414	232	91378	37.225	ng	96
60) Diethylphthalate	15.591	149	356152	38.201	ng	97
61) 4-Chlorophenyl-phenyle...	15.820	204	180865	40.881	ng	97
62) 4-Nitroaniline	15.861	138	89263	40.897	ng	95
63) Azobenzene	16.114	77	314876	35.537	ng	95
65) 4,6-Dinitro-2-methylph...	15.914	198	61010	43.205	ng	95
66) n-Nitrosodiphenylamine	16.037	169	310133	38.766	ng	99
67) 4-Bromophenyl-phenylether	16.719	248	128649	42.239	ng	95
68) Hexachlorobenzene	16.836	284	143314	41.856	ng	97
69) Atrazine	16.977	200	111860	39.634	ng	98
70) Pentachlorophenol	17.189	266	63933	34.366	ng	98
71) Phenanthrene	17.582	178	569324	38.525	ng	99
72) Anthracene	17.671	178	559838	38.965	ng	99
73) Carbazole	17.941	167	504379	38.102	ng	99
74) Di-n-butylphthalate	18.476	149	628116	37.498	ng	99
75) Fluoranthene	19.586	202	687888	38.264	ng	98
77) Benzidine	19.756	184	248176	39.658	ng	99
78) Pyrene	19.944	202	700841	39.781	ng	99
80) Butylbenzylphthalate	20.814	149	272228	37.045	ng	95
81) Benzo(a)anthracene	21.813	228	670304	39.129	ng	100
82) 3,3'-Dichlorobenzidine	21.719	252	245909	40.943	ng	99
83) Chrysene	21.883	228	642510	39.227	ng	99
84) Bis(2-ethylhexyl)phtha...	21.689	149	390051	36.841	ng	97
85) Di-n-octyl phthalate	22.953	149	669945	37.313	ng	# 94
87) Indeno(1,2,3-cd)pyrene	29.128	276	827994	39.836	ng	# 95
88) Benzo(b)fluoranthene	24.140	252	678169	39.486	ng	99
89) Benzo(k)fluoranthene	24.210	252	671571	38.853	ng	98
90) Benzo(a)pyrene	25.062	252	574356	39.143	ng	98
91) Dibenzo(a,h)anthracene	29.204	278	678260	40.055	ng	98
92) Benzo(g,h,i)perylene	30.362	276	686307	40.119	ng	95

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

