

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
 Data File : BG053846.D
 Acq On : 8 Jun 2022 10:09
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

 Reviewed By : Christian
 Giraldo

Quant Time: Jun 08 12:58:45 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 02 23:22:27 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							06/09/2022
1) 1,4-Dichlorobenzene-d4	8.091	152	24595	20.000	ng	0.00	Supervised By : Jagrut padhyay
21) Naphthalene-d8	10.900	136	95752	20.000	ng	0.00	
39) Acenaphthene-d10	14.713	164	68823	20.000	ng	0.00	
64) Phenanthrene-d10	17.457	188	171711	20.000	ng	0.00	
76) Chrysene-d12	21.734	240	182908	20.000	ng	0.00	
86) Perylene-d12	24.995	264	186798	20.000	ng	0.00	06/09/2022
System Monitoring Compounds							
5) 2-Fluorophenol	5.653	112	106256	79.335	ng	0.00	
7) Phenol-d6	7.239	99	144181	79.470	ng	0.00	
23) Nitrobenzene-d5	9.249	82	135991	93.265	ng	0.00	
42) 2,4,6-Tribromophenol	16.199	330	81401	97.438	ng	0.00	
45) 2-Fluorobiphenyl	13.338	172	360389	78.338	ng	0.00	
79) Terphenyl-d14	20.059	244	713878	77.645	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.555	88	22788	35.187	ng		97
3) Pyridine	3.949	79	63230	40.280	ng		90
4) n-Nitrosodimethylamine	3.861	42	28609	40.364	ng	#	100
6) Aniline	7.410	93	84981	38.486	ng		97
8) 2-Chlorophenol	7.656	128	56840	41.458	ng		96
9) Benzaldehyde	7.222	77	40676	33.623	ng		82
10) Phenol	7.269	94	72909	38.891	ng		94
11) bis(2-Chloroethyl)ether	7.504	93	55037	37.325	ng		96
12) 1,3-Dichlorobenzene	7.985	146	67188	38.510	ng		93
13) 1,4-Dichlorobenzene	8.126	146	68419	38.561	ng		96
14) 1,2-Dichlorobenzene	8.450	146	65194	38.353	ng		96
15) Benzyl Alcohol	8.320	79	54968	40.477	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.614	45	85899	33.203	ng		100
17) 2-Methylphenol	8.526	107	49295	38.468	ng		91
18) Hexachloroethane	9.184	117	22818	38.868	ng	#	86
19) n-Nitroso-di-n-propyla...	8.896	70	47469	36.942	ng	#	94
20) 3+4-Methylphenols	8.849	107	69043	39.656	ng		94
22) Acetophenone	8.908	105	90439	38.250	ng	#	96
24) Nitrobenzene	9.290	77	67800	42.217	ng	#	89
25) Isophorone	9.819	82	124541	38.107	ng	#	95
26) 2-Nitrophenol	10.007	139	30546	57.282	ng	#	80
27) 2,4-Dimethylphenol	10.059	122	46258	39.372	ng		90
28) bis(2-Chloroethoxy)met...	10.294	93	67338	37.917	ng		95
29) 2,4-Dichlorophenol	10.541	162	63271	44.838	ng		90
30) 1,2,4-Trichlorobenzene	10.764	180	74594	41.766	ng		95
31) Naphthalene	10.952	128	187492	38.259	ng		99
32) Benzoic acid	10.195	122	21716m	32.829	ng		
33) 4-Chloroaniline	11.046	127	78601	38.687	ng		94
34) Hexachlorobutadiene	11.240	225	55230	43.650	ng		97
35) Caprolactam	11.810	113	18158	45.023	ng	#	82
36) 4-Chloro-3-methylphenol	12.163	107	60902	40.551	ng	#	84
37) 2-Methylnaphthalene	12.551	142	135315	38.062	ng		93
38) 1-Methylnaphthalene	12.768	142	132317	38.060	ng		99
40) 1,2,4,5-Tetrachloroben...	12.915	216	98443	42.596	ng	#	96
41) Hexachlorocyclopentadiene	12.903	237	46419	39.514	ng		96
43) 2,4,6-Trichlorophenol	13.150	196	58486	46.663	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.220	196	65090	46.674	ng	#	94
46) 1,1'-Biphenyl	13.549	154	182847	37.278	ng		99
47) 2-Chloronaphthalene	13.596	162	149901	39.283	ng		95
48) 2-Nitroaniline	13.784	65	43213	44.880	ng		91
49) Acenaphthylene	14.437	152	232975	38.057	ng		98
50) Dimethylphthalate	14.160	163	200918	39.835	ng		100
51) 2,6-Dinitrotoluene	14.278	165	42379	46.981	ng	#	76
52) Acenaphthene	14.777	154	149581	38.459	ng		99
53) 3-Nitroaniline	14.601	138	42297	43.450	ng		93
54) 2,4-Dinitrophenol	14.807	184	17780	41.972	ng	#	87
55) Dibenzofuran	15.112	168	236797	38.192	ng		94
56) 4-Nitrophenol	14.901	139	31337	41.332	ng	#	82
57) 2,4-Dinitrotoluene	15.065	165	58423	47.511	ng		86
58) Fluorene	15.759	166	194045	37.799	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.330	232	62636	41.558	ng	#	92
60) Diethylphthalate	15.524	149	197165	38.599	ng		96
61) 4-Chlorophenyl-phenyle...	15.747	204	111186	40.174	ng		91
62) 4-Nitroaniline	15.764	138	43599	41.483	ng	#	76
63) Azobenzene	16.041	77	163681	34.245	ng		92
65) 4,6-Dinitro-2-methylph...	15.823	198	32232	48.905	ng		83
66) n-Nitrosodiphenylamine	15.958	169	174502	38.217	ng		96
67) 4-Bromophenyl-phenylether	16.640	248	80880	43.352	ng		94
68) Hexachlorobenzene	16.763	284	88692	42.649	ng	#	92
69) Atrazine	16.904	200	72940	40.799	ng		96
70) Pentachlorophenol	17.104	266	46302	37.713	ng		93
71) Phenanthrene	17.498	178	339808	37.597	ng		98
72) Anthracene	17.592	178	334361	37.800	ng		98
73) Carbazole	17.850	167	290624	36.399	ng		99
74) Di-n-butylphthalate	18.414	149	348873	37.997	ng	#	98
75) Fluoranthene	19.501	202	439505	37.491	ng		99
77) Benzidine	19.678	184	149356	33.393	ng		99
78) Pyrene	19.866	202	442177	38.013	ng		97
80) Butylbenzylphthalate	20.747	149	153928	40.576	ng		91
81) Benzo(a)anthracene	21.710	228	456737	37.613	ng		100
82) 3,3'-Dichlorobenzidine	21.622	252	140264	40.982	ng		100
83) Chrysene	21.781	228	431289	37.628	ng		98
84) Bis(2-ethylhexyl)phtha...	21.622	149	214178	39.261	ng		94
85) Di-n-octyl phthalate	22.856	149	368987	40.673	ng		96
87) Indeno(1,2,3-cd)pyrene	28.732	276	545025	39.585	ng	#	95
88) Benzo(b)fluoranthene	23.961	252	443154	38.213	ng		98
89) Benzo(k)fluoranthene	24.031	252	435945	38.031	ng		98
90) Benzo(a)pyrene	24.842	252	375630	38.299	ng	#	99
91) Dibenzo(a,h)anthracene	28.802	278	449208	39.481	ng		100
92) Benzo(g,h,i)perylene	29.901	276	442930	39.495	ng		97

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

