

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051623\
 Data File : BG057441.D
 Acq On : 16 May 2023 13:03
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/17/2023
 Supervised By : Jagrut Upadhyay 05/17/2023

Quant Time: May 17 04:50:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	18822	20.000	ng	0.00
21) Naphthalene-d8	11.204	136	73771	20.000	ng	0.00
39) Acenaphthene-d10	14.981	164	58690	20.000	ng	0.00
64) Phenanthrene-d10	17.725	188	140355	20.000	ng	0.00
76) Chrysene-d12	22.036	240	124610	20.000	ng	0.00
86) Perylene-d12	25.543	264	136117	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	86979	79.050	ng	0.00
7) Phenol-d6	7.503	99	135483	81.086	ng	0.00
23) Nitrobenzene-d5	9.542	82	136354	77.576	ng	0.00
42) 2,4,6-Tribromophenol	16.468	330	70624	84.808	ng	0.00
45) 2-Fluorobiphenyl	13.607	172	349059	80.101	ng	0.00
79) Terphenyl-d14	20.292	244	591682	77.488	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.673	88	17239	37.892	ng	93
3) Pyridine	4.102	79	54176	37.054	ng	94
4) n-Nitrosodimethylamine	4.008	42	24087	35.057	ng	# 91
6) Aniline	7.674	93	83286	39.293	ng	95
8) 2-Chlorophenol	7.926	128	46962	40.392	ng	98
9) Benzaldehyde	7.486	77	32815	36.405	ng	97
10) Phenol	7.533	94	65404	40.155	ng	97
11) bis(2-Chloroethyl)ether	7.762	93	47075	38.328	ng	98
12) 1,3-Dichlorobenzene	8.249	146	51072	39.800	ng	95
13) 1,4-Dichlorobenzene	8.396	146	51527	39.976	ng	93
14) 1,2-Dichlorobenzene	8.725	146	49268	39.594	ng	99
15) Benzyl Alcohol	8.596	79	52901	38.005	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.878	45	55737	36.005	ng	98
17) 2-Methylphenol	8.801	107	47814	40.723	ng	98
18) Hexachloroethane	9.459	117	18234	39.200	ng	92
19) n-Nitroso-di-n-propyla...	9.166	70	47098	36.967	ng	97
20) 3+4-Methylphenols	9.130	107	65688	40.858	ng	96
22) Acetophenone	9.189	105	81831	38.756	ng	# 96
24) Nitrobenzene	9.589	77	68370	38.539	ng	94
25) Isophorone	10.106	82	127459	37.397	ng	97
26) 2-Nitrophenol	10.305	139	29546	43.510	ng	98
27) 2,4-Dimethylphenol	10.346	122	49526	41.651	ng	96
28) bis(2-Chloroethoxy)met...	10.575	93	66691	39.058	ng	98
29) 2,4-Dichlorophenol	10.846	162	54578	43.276	ng	97
30) 1,2,4-Trichlorobenzene	11.057	180	59390	40.829	ng	99
31) Naphthalene	11.257	128	163449	41.444	ng	99
32) Benzoic acid	10.493	122	29179m	43.091	ng	
33) 4-Chloroaniline	11.357	127	73766	41.649	ng	96
34) Hexachlorobutadiene	11.521	225	42895	39.742	ng	100
35) Caprolactam	12.120	113	17339	40.249	ng	96
36) 4-Chloro-3-methylphenol	12.455	107	61483	42.899	ng	99
37) 2-Methylnaphthalene	12.831	142	128738	41.517	ng	97
38) 1-Methylnaphthalene	13.049	142	120698	41.296	ng	98
40) 1,2,4,5-Tetrachloroben...	13.195	216	85317	40.948	ng	99
41) Hexachlorocyclopentadiene	13.166	237	37298	40.607	ng	99
43) 2,4,6-Trichlorophenol	13.430	196	53419	42.083	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051623\
 Data File : BG057441.D
 Acq On : 16 May 2023 13:03
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/17/2023
 Supervised By : Jagrut Upadhyay 05/17/2023

Quant Time: May 17 04:50:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.507	196	61001	40.854	ng	97
46) 1,1'-Biphenyl	13.818	154	175134	40.214	ng	96
47) 2-Chloronaphthalene	13.871	162	130843	40.402	ng	98
48) 2-Nitroaniline	14.065	65	42604	38.691	ng	96
49) Acenaphthylene	14.711	152	209262	39.774	ng	98
50) Dimethylphthalate	14.417	163	182368	37.813	ng	99
51) 2,6-Dinitrotoluene	14.552	165	40288	40.914	ng	89
52) Acenaphthene	15.046	154	129015	39.242	ng	100
53) 3-Nitroaniline	14.881	138	39446	39.986	ng	87
54) 2,4-Dinitrophenol	15.099	184	19413	34.794	ng	99
55) Dibenzofuran	15.375	168	221843	40.160	ng	98
56) 4-Nitrophenol	15.187	139	26476	40.353	ng	85
57) 2,4-Dinitrotoluene	15.340	165	57384	40.776	ng	93
58) Fluorene	16.021	166	178678	39.269	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.604	232	56674m	41.866	ng	
60) Diethylphthalate	15.763	149	183346	37.434	ng	98
61) 4-Chlorophenyl-phenyle...	16.003	204	106687	38.922	ng	96
62) 4-Nitroaniline	16.045	138	40150	40.343	ng	93
63) Azobenzene	16.297	77	169279	35.821	ng	96
65) 4,6-Dinitro-2-methylph...	16.103	198	36627	43.709	ng	100
66) n-Nitrosodiphenylamine	16.215	169	155689	40.841	ng	100
67) 4-Bromophenyl-phenylether	16.896	248	70979	41.426	ng	98
68) Hexachlorobenzene	17.031	284	71625	43.017	ng	# 92
69) Atrazine	17.149	200	59774	41.105	ng	97
70) Pentachlorophenol	17.372	266	35797m	37.305	ng	
71) Phenanthrene	17.766	178	293579	40.820	ng	100
72) Anthracene	17.854	178	299535	40.589	ng	98
73) Carbazole	18.124	167	250260	40.282	ng	98
74) Di-n-butylphthalate	18.641	149	291110	40.726	ng	98
75) Fluoranthene	19.757	202	357590	39.976	ng	99
77) Benzidine	19.922	184	88559	31.789	ng	98
78) Pyrene	20.116	202	359684	39.723	ng	99
80) Butylbenzylphthalate	20.967	149	125346	43.628	ng	97
81) Benzo(a)anthracene	22.013	228	357668	40.287	ng	100
82) 3,3'-Dichlorobenzidine	21.907	252	115687	40.682	ng	98
83) Chrysene	22.089	228	335159	40.123	ng	99
84) Bis(2-ethylhexyl)phtha...	21.854	149	179648	42.262	ng	99
85) Di-n-octyl phthalate	23.153	149	301379	42.527	ng	97
87) Indeno(1,2,3-cd)pyrene	29.609	276	393599	39.676	ng	99
88) Benzo(b)fluoranthene	24.421	252	348770	39.197	ng	99
89) Benzo(k)fluoranthene	24.492	252	344013	38.047	ng	99
90) Benzo(a)pyrene	25.379	252	338530	38.943	ng	98
91) Dibenzo(a,h)anthracene	29.661	278	330535	40.008	ng	98
92) Benzo(g,h,i)perylene	30.877	276	323401	40.090	ng	99

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

SSTDCCC040EC

APPROVED

Reviewed By :Christian Giraldo	05/17/2023
Supervised By :Jagrut Upadhyay	05/17/2023

Quant Time: May 17 04:50:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 22:04:03 2023
Response via : Initial Calibration

