

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070522\
 Data File : BG054204.D
 Acq On : 5 Jul 2022 10:55
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/06/2022
 Supervised By :Jagrut Upadhyay 07/06/2022

Quant Time: Jul 06 01:42:26 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 27 00:27:54 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.071	152	18269	20.000	ng	0.00
21) Naphthalene-d8	10.879	136	79303	20.000	ng	0.00
39) Acenaphthene-d10	14.698	164	65041	20.000	ng	0.00
64) Phenanthrene-d10	17.442	188	170803	20.000	ng	# 0.00
76) Chrysene-d12	21.719	240	172726	20.000	ng	0.00
86) Perylene-d12	24.986	264	182307	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	78382	82.029	ng	0.00
7) Phenol-d6	7.236	99	115160	88.841	ng	0.00
23) Nitrobenzene-d5	9.234	82	115911	82.138	ng	0.00
42) 2,4,6-Tribromophenol	16.185	330	97808	93.596	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	342340	76.538	ng	0.00
79) Terphenyl-d14	20.051	244	711202	82.930	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.517	88	14717	35.233	ng	93
3) Pyridine	3.917	79	44738	40.136	ng	93
4) n-Nitrosodimethylamine	3.828	42	21461	43.771	ng	# 91
6) Aniline	7.389	93	67275	43.774	ng	97
8) 2-Chlorophenol	7.636	128	45060	44.165	ng	97
9) Benzaldehyde	7.201	77	29579m	38.664	ng	
10) Phenol	7.260	94	58206	44.307	ng	98
11) bis(2-Chloroethyl)ether	7.483	93	41895	41.549	ng	89
12) 1,3-Dichlorobenzene	7.959	146	52333	40.935	ng	92
13) 1,4-Dichlorobenzene	8.106	146	52637	40.988	ng	97
14) 1,2-Dichlorobenzene	8.429	146	50601	41.046	ng	98
15) Benzyl Alcohol	8.306	79	44756	46.196	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.593	45	61749	40.966	ng	98
17) 2-Methylphenol	8.511	107	41874	45.885	ng	91
18) Hexachloroethane	9.157	117	18317	42.995	ng	# 79
19) n-Nitroso-di-n-propyla...	8.870	70	38329	44.013	ng	98
20) 3+4-Methylphenols	8.840	107	59497	46.489	ng	97
22) Acetophenone	8.887	105	75473	39.153	ng	# 97
24) Nitrobenzene	9.275	77	57503	41.380	ng	# 83
25) Isophorone	9.798	82	105772	40.133	ng	# 94
26) 2-Nitrophenol	9.986	139	29069	47.360	ng	85
27) 2,4-Dimethylphenol	10.045	122	41368	41.640	ng	91
28) bis(2-Chloroethoxy)met...	10.274	93	55414	39.029	ng	# 97
29) 2,4-Dichlorophenol	10.532	162	58832	44.168	ng	91
30) 1,2,4-Trichlorobenzene	10.744	180	65774	39.880	ng	97
31) Naphthalene	10.932	128	159421	39.821	ng	99
32) Benzoic acid	10.186	122	27294	59.520	ng	# 82
33) 4-Chloroaniline	11.032	127	71511	43.057	ng	# 93
34) Hexachlorobutadiene	11.214	225	51014	40.231	ng	94
35) Caprolactam	11.801	113	18365	50.084	ng	# 84
36) 4-Chloro-3-methylphenol	12.160	107	59519	45.966	ng	# 84
37) 2-Methylnaphthalene	12.530	142	125205	42.271	ng	97
38) 1-Methylnaphthalene	12.747	142	120829	41.895	ng	98
40) 1,2,4,5-Tetrachloroben...	12.900	216	96121	38.353	ng	# 96
41) Hexachlorocyclopentadiene	12.883	237	41098	35.217	ng	99
43) 2,4,6-Trichlorophenol	13.135	196	60619	43.060	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070522\
 Data File : BG054204.D
 Acq On : 5 Jul 2022 10:55
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/06/2022
 Supervised By : Jagrut Upadhyay 07/06/2022

Quant Time: Jul 06 01:42:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.217	196	69000	43.896	ng	# 92
46) 1,1'-Biphenyl	13.529	154	174298	38.472	ng	98
47) 2-Chloronaphthalene	13.576	162	145752	39.752	ng	97
48) 2-Nitroaniline	13.776	65	45219	46.363	ng	# 88
49) Acenaphthylene	14.422	152	229135	40.190	ng	99
50) Dimethylphthalate	14.146	163	203881	41.160	ng	99
51) 2,6-Dinitrotoluene	14.263	165	45185	45.149	ng	# 72
52) Acenaphthene	14.763	154	151197m	41.604	ng	
53) 3-Nitroaniline	14.598	138	42673	44.011	ng	92
54) 2,4-Dinitrophenol	14.810	184	22047	43.456	ng	# 81
55) Dibenzofuran	15.098	168	241771	41.291	ng	94
56) 4-Nitrophenol	14.915	139	28003	40.680	ng	88
57) 2,4-Dinitrotoluene	15.056	165	66375	46.961	ng	# 84
58) Fluorene	15.744	166	198927	41.378	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.327	232	69379	45.133	ng	# 90
60) Diethylphthalate	15.503	149	204582	42.647	ng	96
61) 4-Chlorophenyl-phenyle...	15.732	204	122462	42.548	ng	# 88
62) 4-Nitroaniline	15.762	138	43743	43.261	ng	# 79
63) Azobenzene	16.026	77	159350	41.268	ng	90
65) 4,6-Dinitro-2-methylph...	15.826	198	40445	47.463	ng	80
66) n-Nitrosodiphenylamine	15.944	169	180228	40.487	ng	96
67) 4-Bromophenyl-phenylether	16.625	248	88590	41.528	ng	90
68) Hexachlorobenzene	16.754	284	99254	40.675	ng	# 93
69) Atrazine	16.890	200	74815	40.571	ng	97
70) Pentachlorophenol	17.095	266	46361	40.900	ng	94
71) Phenanthrene	17.483	178	346651	39.503	ng	97
72) Anthracene	17.577	178	340805	39.770	ng	98
73) Carbazole	17.841	167	287328	39.063	ng	99
74) Di-n-butylphthalate	18.394	149	342214	40.239	ng	# 98
75) Fluoranthene	19.492	202	425966	36.977	ng	97
77) Benzidine	19.663	184	143697	40.173	ng	98
78) Pyrene	19.857	202	432145	41.424	ng	98
80) Butylbenzylphthalate	20.732	149	144002	43.065	ng	87
81) Benzo(a)anthracene	21.702	228	447730	40.034	ng	98
82) 3,3'-Dichlorobenzidine	21.608	252	135758	40.630	ng	98
83) Chrysene	21.766	228	421637	39.552	ng	98
84) Bis(2-ethylhexyl)phtha...	21.596	149	202063	42.251	ng	# 94
85) Di-n-octyl phthalate	22.818	149	345039	41.977	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.735	276	553428	40.227	ng	99
88) Benzo(b)fluoranthene	23.952	252	431320	38.911	ng	99
89) Benzo(k)fluoranthene	24.017	252	434660	39.605	ng	99
90) Benzo(a)pyrene	24.833	252	371643	39.737	ng	99
91) Dibenzo(a,h)anthracene	28.787	278	460698	40.495	ng	98
92) Benzo(g,h,i)perylene	29.904	276	442074	39.375	ng	93

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

