

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061722\
 Data File : BG053930.D
 Acq On : 17 Jun 2022 11:34
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 06/20/2022
 Supervised By : Jagrut Upadhyay 06/20/2022

Quant Time: Jun 18 01:56:04 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 13 15:49:31 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	20911	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	74410	20.000	ng	# 0.00
39) Acenaphthene-d10	14.709	164	53845	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	136983	20.000	ng	# 0.00
76) Chrysene-d12	21.730	240	177392	20.000	ng	0.00
86) Perylene-d12	24.991	264	191408	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	89476	81.809	ng	0.00
7) Phenol-d6	7.235	99	115521	77.859	ng	0.00
23) Nitrobenzene-d5	9.245	82	112086	84.650	ng	0.00
42) 2,4,6-Tribromophenol	16.195	330	75386	87.140	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	304224	82.158	ng	0.00
79) Terphenyl-d14	20.056	244	675460	76.691	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.551	88	19323	40.415	ng	98
3) Pyridine	3.945	79	51749	40.560	ng	94
4) n-Nitrosodimethylamine	3.857	42	24534	43.717	ng	# 94
6) Aniline	7.406	93	66544	37.828	ng	98
8) 2-Chlorophenol	7.652	128	46961	40.213	ng	93
9) Benzaldehyde	7.218	77	31396	35.854	ng	82
10) Phenol	7.265	94	57722	38.387	ng	99
11) bis(2-Chloroethyl)ether	7.500	93	43627	37.801	ng	97
12) 1,3-Dichlorobenzene	7.976	146	57989	39.628	ng	91
13) 1,4-Dichlorobenzene	8.123	146	57775	39.305	ng	97
14) 1,2-Dichlorobenzene	8.446	146	56424	39.986	ng	96
15) Benzyl Alcohol	8.316	79	44381	40.022	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.610	45	63856	37.011	ng	98
17) 2-Methylphenol	8.522	107	39480	37.796	ng	92
18) Hexachloroethane	9.174	117	19854	40.715	ng	# 72
19) n-Nitroso-di-n-propyla...	8.886	70	36431	36.548	ng	94
20) 3+4-Methylphenols	8.845	107	53930	36.815	ng	94
22) Acetophenone	8.904	105	72013	39.815	ng	# 96
24) Nitrobenzene	9.286	77	55750	42.756	ng	# 86
25) Isophorone	9.809	82	95005	38.418	ng	96
26) 2-Nitrophenol	10.003	139	25832	44.854	ng	# 85
27) 2,4-Dimethylphenol	10.056	122	37621	40.359	ng	91
28) bis(2-Chloroethoxy)met...	10.291	93	51486	38.647	ng	97
29) 2,4-Dichlorophenol	10.537	162	52967	42.380	ng	91
30) 1,2,4-Trichlorobenzene	10.755	180	65639	42.415	ng	# 94
31) Naphthalene	10.949	128	150531	40.073	ng	97
32) Benzoic acid	10.220	122	14020m	37.691	ng	
33) 4-Chloroaniline	11.043	127	62318	39.989	ng	# 94
34) Hexachlorobutadiene	11.237	225	53874	45.280	ng	97
35) Caprolactam	11.806	113	13469	39.147	ng	# 87
36) 4-Chloro-3-methylphenol	12.159	107	46858	38.568	ng	# 84
37) 2-Methylnaphthalene	12.541	142	110107	39.618	ng	95
38) 1-Methylnaphthalene	12.764	142	105184	38.869	ng	100
40) 1,2,4,5-Tetrachloroben...	12.911	216	89267	43.025	ng	# 96
41) Hexachlorocyclopentadiene	12.893	237	44177	45.727	ng	96
43) 2,4,6-Trichlorophenol	13.146	196	50145	43.026	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061722\
 Data File : BG053930.D
 Acq On : 17 Jun 2022 11:34
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 18 01:56:04 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 13 15:49:31 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/20/2022
 Supervised By : Jagrut Upadhyay 06/20/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.217	196	55100	42.342	ng	# 93
46) 1,1'-Biphenyl	13.546	154	150753	40.194	ng	97
47) 2-Chloronaphthalene	13.587	162	123925	40.827	ng	96
48) 2-Nitroaniline	13.781	65	33398	41.363	ng	# 85
49) Acenaphthylene	14.433	152	188497	39.936	ng	98
50) Dimethylphthalate	14.157	163	160592	39.161	ng	# 99
51) 2,6-Dinitrotoluene	14.274	165	35513	42.863	ng	# 73
52) Acenaphthene	14.774	154	121132	40.262	ng	98
53) 3-Nitroaniline	14.603	138	31901	39.743	ng	87
54) 2,4-Dinitrophenol	14.809	184	16982	40.923	ng	# 76
55) Dibenzofuran	15.108	168	193953	40.012	ng	94
56) 4-Nitrophenol	14.903	139	23582	41.381	ng	87
57) 2,4-Dinitrotoluene	15.061	165	49124	41.982	ng	# 83
58) Fluorene	15.755	166	158136	39.733	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.332	232	54407	42.753	ng	# 89
60) Diethylphthalate	15.520	149	154313	38.857	ng	97
61) 4-Chlorophenyl-phenyle...	15.743	204	97833	41.059	ng	# 87
62) 4-Nitroaniline	15.761	138	34290	40.963	ng	# 84
63) Azobenzene	16.037	77	124521	38.953	ng	89
65) 4,6-Dinitro-2-methylph...	15.825	198	30112	44.061	ng	78
66) n-Nitrosodiphenylamine	15.955	169	139321	39.025	ng	94
67) 4-Bromophenyl-phenylether	16.636	248	72194	42.198	ng	92
68) Hexachlorobenzene	16.759	284	80486	41.127	ng	# 91
69) Atrazine	16.900	200	60771	41.092	ng	93
70) Pentachlorophenol	17.100	266	40587	44.646	ng	96
71) Phenanthrene	17.494	178	277179	39.384	ng	99
72) Anthracene	17.582	178	274504	39.942	ng	98
73) Carbazole	17.852	167	235591	39.937	ng	97
74) Di-n-butylphthalate	18.410	149	273808	40.145	ng	# 97
75) Fluoranthene	19.503	202	383828	41.545	ng	96
77) Benzidine	19.674	184	149559	40.712	ng	99
78) Pyrene	19.862	202	389769	36.379	ng	98
80) Butylbenzylphthalate	20.743	149	134422	39.142	ng	# 90
81) Benzo(a)anthracene	21.712	228	460734	40.113	ng	99
82) 3,3'-Dichlorobenzidine	21.618	252	143225	41.737	ng	93
83) Chrysene	21.777	228	433440	39.590	ng	98
84) Bis(2-ethylhexyl)phtha...	21.618	149	195077	39.718	ng	# 92
85) Di-n-octyl phthalate	22.846	149	336066	39.810	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.728	276	589303	40.798	ng	# 97
88) Benzo(b)fluoranthene	23.957	252	473260m	40.665	ng	
89) Benzo(k)fluoranthene	24.022	252	452553	39.275	ng	# 98
90) Benzo(a)pyrene	24.838	252	398220	40.554	ng	99
91) Dibenzo(a,h)anthracene	28.792	278	483868	40.510	ng	97
92) Benzo(g,h,i)perylene	29.891	276	481747	40.869	ng	96

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

