

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
 Data File : BG061100.D
 Acq On : 3 May 2024 10:20
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 03 10:54:39 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed May 01 05:11:25 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	22028	20.000	ng	-0.02
21) Naphthalene-d8	10.740	136	92357	20.000	ng	-0.02
39) Acenaphthene-d10	14.570	164	78734	20.000	ng	-0.02
64) Phenanthrene-d10	17.314	188	197250	20.000	ng	-0.02
76) Chrysene-d12	21.574	240	190070	20.000	ng	-0.02
86) Perylene-d12	24.700	264	223378	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	86840	80.175	ng	-0.02
7) Phenol-d6	7.114	99	122324	76.343	ng	-0.02
23) Nitrobenzene-d5	9.094	82	146998	78.901	ng	-0.02
42) 2,4,6-Tribromophenol	16.057	330	121262	77.053	ng	-0.02
45) 2-Fluorobiphenyl	13.190	172	431286	81.000	ng	-0.02
79) Terphenyl-d14	19.935	244	917936	80.321	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.448	88	15923	36.358	ng	91
3) Pyridine	3.836	79	43735	33.937	ng	96
4) n-Nitrosodimethylamine	3.754	42	39872	32.203	ng	88
6) Aniline	7.267	93	58574	36.875	ng	96
8) 2-Chlorophenol	7.508	128	50200	37.778	ng	98
9) Benzaldehyde	7.079	77	35872	41.937	ng	92
10) Phenol	7.138	94	59092	36.265	ng	93
11) bis(2-Chloroethyl)ether	7.361	93	43198	38.375	ng	95
12) 1,3-Dichlorobenzene	7.831	146	60369	38.537	ng	94
13) 1,4-Dichlorobenzene	7.978	146	62911	38.857	ng	95
14) 1,2-Dichlorobenzene	8.295	146	62282	39.872	ng	97
15) Benzyl Alcohol	8.178	79	52443	36.283	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.466	45	94430m	38.660	ng	
17) 2-Methylphenol	8.389	107	45864	39.497	ng	93
18) Hexachloroethane	9.024	117	22860	39.570	ng	91
19) n-Nitroso-di-n-propyla...	8.742	70	45109	37.619	ng	# 90
20) 3+4-Methylphenols	8.718	107	62685	37.417	ng	98
22) Acetophenone	8.760	105	90333	39.274	ng	# 98
24) Nitrobenzene	9.141	77	71654	39.314	ng	95
25) Isophorone	9.664	82	130533	37.902	ng	99
26) 2-Nitrophenol	9.846	139	35407	41.003	ng	96
27) 2,4-Dimethylphenol	9.911	122	38763	38.936	ng	96
28) bis(2-Chloroethoxy)met...	10.140	93	66442	39.310	ng	# 98
29) 2,4-Dichlorophenol	10.387	162	59627	38.225	ng	96
30) 1,2,4-Trichlorobenzene	10.599	180	74556	39.667	ng	95
31) Naphthalene	10.787	128	185063	38.555	ng	98
32) Benzoic acid	10.064	122	36858	32.026	ng	87
33) 4-Chloroaniline	10.892	127	74511	38.923	ng	98
34) Hexachlorobutadiene	11.074	225	64761	40.157	ng	98
35) Caprolactam	11.668	113	20271	36.085	ng	# 86
36) 4-Chloro-3-methylphenol	12.026	107	70314	37.382	ng	96
37) 2-Methylnaphthalene	12.396	142	136176	37.859	ng	99
38) 1-Methylnaphthalene	12.614	142	134594	37.169	ng	95
40) 1,2,4,5-Tetrachloroben...	12.761	216	106072	40.369	ng	99
41) Hexachlorocyclopentadiene	12.743	237	39031	38.803	ng	98
43) 2,4,6-Trichlorophenol	13.002	196	66821	39.611	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
 Data File : BG061100.D
 Acq On : 3 May 2024 10:20
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 03 10:54:39 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed May 01 05:11:25 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.078	196	76085	39.851	ng	98
46) 1,1'-Biphenyl	13.401	154	204061	40.422	ng	99
47) 2-Chloronaphthalene	13.442	162	163053	40.335	ng	98
48) 2-Nitroaniline	13.642	65	59151	39.433	ng	97
49) Acenaphthylene	14.294	152	245043	39.468	ng	99
50) Dimethylphthalate	14.024	163	233086	38.328	ng	100
51) 2,6-Dinitrotoluene	14.141	165	51638	39.698	ng	97
52) Acenaphthene	14.635	154	151025	38.993	ng	98
53) 3-Nitroaniline	14.470	138	45710	38.405	ng	92
54) 2,4-Dinitrophenol	14.682	184	32913	36.917	ng	97
55) Dibenzofuran	14.970	168	255621	39.073	ng	99
56) 4-Nitrophenol	14.794	139	34846	36.227	ng	97
57) 2,4-Dinitrotoluene	14.935	165	73132	38.001	ng	96
58) Fluorene	15.616	166	214770	37.938	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.199	232	75195	38.260	ng	98
60) Diethylphthalate	15.387	149	224577	36.620	ng	99
61) 4-Chlorophenyl-phenyle...	15.610	204	131830	38.783	ng	95
62) 4-Nitroaniline	15.634	138	50567	39.173	ng	93
63) Azobenzene	15.904	77	180946	37.903	ng	97
65) 4,6-Dinitro-2-methylph...	15.704	198	49373	40.343	ng	96
66) n-Nitrosodiphenylamine	15.828	169	192587	39.372	ng	97
67) 4-Bromophenyl-phenylether	16.503	248	92538	39.825	ng	94
68) Hexachlorobenzene	16.627	284	113859	39.369	ng	98
69) Atrazine	16.774	200	68483	33.949	ng	98
70) Pentachlorophenol	16.973	266	63194	35.567	ng	94
71) Phenanthrene	17.361	178	357027	39.586	ng	99
72) Anthracene	17.449	178	353232	39.250	ng	99
73) Carbazole	17.720	167	314736	39.776	ng	98
74) Di-n-butylphthalate	18.284	149	366779	38.982	ng	99
75) Fluoranthene	19.371	202	483571	39.137	ng	100
77) Benzidine	19.553	184	165787	45.963	ng	98
78) Pyrene	19.735	202	492186	40.731	ng	99
80) Butylbenzylphthalate	20.628	149	153090	40.023	ng	95
81) Benzo(a)anthracene	21.556	228	487038	39.158	ng	100
82) 3,3'-Dichlorobenzidine	21.474	252	179130	40.020	ng	98
83) Chrysene	21.621	228	463999	39.818	ng	99
84) Bis(2-ethylhexyl)phtha...	21.474	149	202470	40.535	ng	99
85) Di-n-octyl phthalate	22.655	149	338056	38.361	ng	99
87) Indeno(1,2,3-cd)pyrene	28.260	276	581446	39.277	ng	99
88) Benzo(b)fluoranthene	23.713	252	492958	39.492	ng	97
89) Benzo(k)fluoranthene	23.777	252	457426	38.092	ng	99
90) Benzo(a)pyrene	24.553	252	428059	39.362	ng	98
91) Dibenzo(a,h)anthracene	28.313	278	485085	39.568	ng	99
92) Benzo(g,h,i)perylene	29.359	276	478113	39.245	ng	98

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

