

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020624\
 Data File : BG060561.D
 Acq On : 6 Feb 2024 19:57
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG020624

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
 Supervised By :mohammad ahmed 02/08/2024

Quant Time: Feb 07 01:30:00 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Feb 07 01:26:35 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.350	152	50742	20.000	ng	0.00
21) Naphthalene-d8	11.199	136	213245	20.000	ng	0.00
39) Acenaphthene-d10	14.983	164	138776	20.000	ng	0.00
64) Phenanthrene-d10	17.739	188	305561	20.000	ng	0.00
76) Chrysene-d12	22.081	240	280282	20.000	ng	0.00
86) Perylene-d12	25.688	264	311781	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.835	112	253647	75.489	ng	0.00
7) Phenol-d6	7.456	99	364908	80.766	ng	0.00
23) Nitrobenzene-d5	9.548	82	335406	88.473	ng	0.00
42) 2,4,6-Tribromophenol	16.464	330	136041	83.632	ng	0.00
45) 2-Fluorobiphenyl	13.608	172	820585	79.415	ng	0.00
79) Terphenyl-d14	20.324	244	1309048	79.847	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.690	88	49898	38.749	ng	98
3) Pyridine	4.107	79	138227	40.385	ng	99
4) n-Nitrosodimethylamine	4.031	42	84938	40.267	ng	99
6) Aniline	7.674	93	173923	41.025	ng	98
8) 2-Chlorophenol	7.897	128	143407	40.884	ng	97
9) Benzaldehyde	7.492	77	106402	38.361	ng	95
10) Phenol	7.486	94	180961	39.516	ng	97
11) bis(2-Chloroethyl)ether	7.768	93	144614	39.546	ng	99
12) 1,3-Dichlorobenzene	8.232	146	164857	39.494	ng	97
13) 1,4-Dichlorobenzene	8.385	146	169313	39.767	ng	96
14) 1,2-Dichlorobenzene	8.702	146	162454	39.508	ng	96
15) Benzyl Alcohol	8.590	79	135011	41.473	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.872	45	339796	40.006	ng	99
17) 2-Methylphenol	8.767	107	126537	40.446	ng	97
18) Hexachloroethane	9.436	117	60863	40.834	ng	95
19) n-Nitroso-di-n-propyla...	9.160	70	123816	40.643	ng	99
20) 3+4-Methylphenols	9.096	107	170587	40.593	ng	96
22) Acetophenone	9.196	105	233031	39.728	ng	# 97
24) Nitrobenzene	9.595	77	173175	44.254	ng	98
25) Isophorone	10.100	82	332216	40.339	ng	99
26) 2-Nitrophenol	10.300	139	58832	44.530	ng	91
27) 2,4-Dimethylphenol	10.324	122	107372	39.355	ng	97
28) bis(2-Chloroethoxy)met...	10.588	93	198610	40.442	ng	96
29) 2,4-Dichlorophenol	10.817	162	134413	40.983	ng	97
30) 1,2,4-Trichlorobenzene	11.040	180	151282	37.850	ng	99
31) Naphthalene	11.252	128	471096	38.832	ng	99
32) Benzoic acid	10.418	122	74424	40.266	ng	95
33) 4-Chloroaniline	11.364	127	180764	41.649	ng	97
34) Hexachlorobutadiene	11.481	225	107170	39.190	ng	96
35) Caprolactam	12.151	113	45797	41.044	ng	95
36) 4-Chloro-3-methylphenol	12.427	107	156448	41.274	ng	96
37) 2-Methylnaphthalene	12.833	142	323599	39.947	ng	97
38) 1-Methylnaphthalene	13.050	142	319008	39.944	ng	97
40) 1,2,4,5-Tetrachloroben...	13.167	216	176707	39.141	ng	98
41) Hexachlorocyclopentadiene	13.126	237	65921	42.286	ng	90
43) 2,4,6-Trichlorophenol	13.408	196	113472	42.192	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020624\
 Data File : BG060561.D
 Acq On : 6 Feb 2024 19:57
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG020624

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
 Supervised By :mohammad ahmed 02/08/2024

Quant Time: Feb 07 01:30:00 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Feb 07 01:26:35 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.473	196	121103	39.998	ng	95
46) 1,1'-Biphenyl	13.820	154	432807	38.740	ng	99
47) 2-Chloronaphthalene	13.872	162	352663	38.935	ng	99
48) 2-Nitroaniline	14.084	65	104109	41.786	ng	97
49) Acenaphthylene	14.713	152	503849	39.003	ng	99
50) Dimethylphthalate	14.431	163	426463	39.812	ng	98
51) 2,6-Dinitrotoluene	14.566	165	83443	41.733	ng	93
52) Acenaphthene	15.048	154	322320	38.610	ng	99
53) 3-Nitroaniline	14.901	138	82540	41.563	ng	91
54) 2,4-Dinitrophenol	15.095	184	26725	43.198	ng	# 89
55) Dibenzofuran	15.382	168	513964	39.311	ng	98
56) 4-Nitrophenol	15.159	139	70266	40.586	ng	95
57) 2,4-Dinitrotoluene	15.341	165	108026	42.463	ng	98
58) Fluorene	16.029	166	411857	39.439	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.582	232	109998	42.202	ng	99
60) Diethylphthalate	15.776	149	439239	40.076	ng	98
61) 4-Chlorophenyl-phenyle...	16.011	204	210464	39.664	ng	99
62) 4-Nitroaniline	16.064	138	89569	41.444	ng	98
63) Azobenzene	16.311	77	419036	39.244	ng	98
65) 4,6-Dinitro-2-methylph...	16.088	198	43949	44.065	ng	98
66) n-Nitrosodiphenylamine	16.234	169	360691	39.538	ng	96
67) 4-Bromophenyl-phenylether	16.910	248	133012	38.893	ng	97
68) Hexachlorobenzene	16.998	284	151043	38.952	ng	97
69) Atrazine	17.169	200	114662	40.348	ng	97
70) Pentachlorophenol	17.351	266	93994	41.725	ng	98
71) Phenanthrene	17.780	178	647361	39.160	ng	99
72) Anthracene	17.874	178	651128	39.551	ng	100
73) Carbazole	18.144	167	594316	39.054	ng	99
74) Di-n-butylphthalate	18.667	149	730893	38.991	ng	100
75) Fluoranthene	19.771	202	773527	38.646	ng	100
77) Benzidine	19.959	184	217134	52.786	ng	98
78) Pyrene	20.136	202	801798	40.216	ng	98
80) Butylbenzylphthalate	21.017	149	308743	42.153	ng	96
81) Benzo(a)anthracene	22.057	228	782969	39.322	ng	99
82) 3,3'-Dichlorobenzidine	21.969	252	263752	40.095	ng	99
83) Chrysene	22.133	228	756196	39.622	ng	97
84) Bis(2-ethylhexyl)phtha...	21.916	149	458876	40.613	ng	99
85) Di-n-octyl phthalate	23.279	149	770551	40.712	ng	100
87) Indeno(1,2,3-cd)pyrene	29.883	276	906727m	39.893	ng	
88) Benzo(b)fluoranthene	24.525	252	800948	39.706	ng	97
89) Benzo(k)fluoranthene	24.607	252	776779	40.020	ng	98
90) Benzo(a)pyrene	25.518	252	700683	39.653	ng	99
91) Dibenzo(a,h)anthracene	29.977	278	754478	40.224	ng	99
92) Benzo(g,h,i)perylene	31.205	276	749349	39.936	ng	98

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

