

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121323\
 Data File : BG059999.D
 Acq On : 13 Dec 2023 16:43
 Operator : MA/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 14 01:43:57 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Dec 14 01:32:11 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	68349	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	256138	20.000	ng	# 0.00
39) Acenaphthene-d10	14.597	164	208752	20.000	ng	0.00
64) Phenanthrene-d10	17.341	188	625309	20.000	ng	0.00
76) Chrysene-d12	21.618	240	755254	20.000	ng	# 0.00
86) Perylene-d12	24.803	264	860972	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	589273	147.588	ng	0.00
7) Phenol-d6	7.118	99	890076	158.479	ng	0.00
23) Nitrobenzene-d5	9.127	82	925839	164.133	ng	0.00
42) 2,4,6-Tribromophenol	16.090	330	778043	159.930	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	2610394	153.045	ng	0.00
79) Terphenyl-d14	19.967	244	5246352	126.822	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	141641	74.969	ng	92
3) Pyridine	3.833	79	421799m	79.814	ng	
4) n-Nitrosodimethylamine	3.751	42	200340	76.977	ng	84
6) Aniline	7.288	93	452723	79.140	ng	98
8) 2-Chlorophenol	7.523	128	294056	77.719	ng	99
9) Benzaldehyde	7.094	77	223518	65.452	ng	92
10) Phenol	7.141	94	450417	79.833	ng	95
11) bis(2-Chloroethyl)ether	7.382	93	310330	76.831	ng	94
12) 1,3-Dichlorobenzene	7.846	146	389885	77.059	ng	92
13) 1,4-Dichlorobenzene	7.993	146	399062m	75.796	ng	
14) 1,2-Dichlorobenzene	8.311	146	383981	75.806	ng	94
15) Benzyl Alcohol	8.193	79	368913	81.727	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.487	45	557876m	77.193	ng	
17) 2-Methylphenol	8.393	107	296042	78.702	ng	91
18) Hexachloroethane	9.045	117	123381	77.360	ng	88
19) n-Nitroso-di-n-propyla...	8.775	70	293949	81.123	ng	# 97
20) 3+4-Methylphenols	8.728	107	416703	79.310	ng	94
22) Acetophenone	8.781	105	576839	77.282	ng	# 95
24) Nitrobenzene	9.168	77	466744	81.503	ng	97
25) Isophorone	9.691	82	829118	76.798	ng	# 97
26) 2-Nitrophenol	9.873	139	179338	85.151	ng	93
27) 2,4-Dimethylphenol	9.926	122	226325	78.396	ng	97
28) bis(2-Chloroethoxy)met...	10.173	93	429289	77.015	ng	99
29) 2,4-Dichlorophenol	10.408	162	412120	79.482	ng	95
30) 1,2,4-Trichlorobenzene	10.625	180	550229	78.398	ng	96
31) Naphthalene	10.813	128	1018848	76.410	ng	98
32) Benzoic acid	10.097	122	223169	84.968	ng	99
33) 4-Chloroaniline	10.919	127	392114	77.285	ng	96
34) Hexachlorobutadiene	11.101	225	500529	77.920	ng	97
35) Caprolactam	11.724	113	105071	79.770	ng	93
36) 4-Chloro-3-methylphenol	12.041	107	368936	78.236	ng	97
37) 2-Methylnaphthalene	12.423	142	794902	76.008	ng	96
38) 1-Methylnaphthalene	12.641	142	786662	76.149	ng	98
40) 1,2,4,5-Tetrachloroben...	12.788	216	880546	80.911	ng	99
41) Hexachlorocyclopentadiene	12.770	237	380187	84.552	ng	94
43) 2,4,6-Trichlorophenol	13.023	196	475289	77.891	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121323\
 Data File : BG059999.D
 Acq On : 13 Dec 2023 16:43
 Operator : MA/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 14 01:43:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:32:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.093	196	526009	79.253	ng	98
46) 1,1'-Biphenyl	13.434	154	1197993	77.383	ng	98
47) 2-Chloronaphthalene	13.475	162	1044060	77.872	ng	98
48) 2-Nitroaniline	13.675	65	259483	89.657	ng	87
49) Acenaphthylene	14.321	152	1433685	78.174	ng	99
50) Dimethylphthalate	14.057	163	1256182	77.524	ng	99
51) 2,6-Dinitrotoluene	14.168	165	281469	83.856	ng	94
52) Acenaphthene	14.662	154	997241m	78.992	ng	
53) 3-Nitroaniline	14.503	138	220301	82.136	ng	96
54) 2,4-Dinitrophenol	14.697	184	220128	89.012	ng	# 87
55) Dibenzofuran	14.997	168	1586340	77.203	ng	97
56) 4-Nitrophenol	14.803	139	188455	83.601	ng	94
57) 2,4-Dinitrotoluene	14.956	165	402031	85.205	ng	91
58) Fluorene	15.643	166	1336359	77.126	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.214	232	540819	78.279	ng	98
60) Diethylphthalate	15.420	149	1171906	78.604	ng	98
61) 4-Chlorophenyl-phenyle...	15.637	204	1001234	80.235	ng	99
62) 4-Nitroaniline	15.672	138	236380	80.934	ng	96
63) Azobenzene	15.931	77	1136914	77.345	ng	98
65) 4,6-Dinitro-2-methylph...	15.720	198	333135	84.970	ng	95
66) n-Nitrosodiphenylamine	15.855	169	1210101	79.215	ng	98
67) 4-Bromophenyl-phenylether	16.536	248	697269	79.032	ng	98
68) Hexachlorobenzene	16.648	284	820009	79.505	ng	95
70) Pentachlorophenol	16.989	266	542628	81.213	ng	97
71) Phenanthrene	17.388	178	2310133	76.272	ng	99
72) Anthracene	17.476	178	2322797	76.274	ng	99
73) Carbazole	17.747	167	1963721	75.883	ng	99
74) Di-n-butylphthalate	18.311	149	1827771	77.423	ng	99
75) Fluoranthene	19.403	202	3245770	73.437	ng	94
77) Benzidine	19.586	184	835810	86.157	ng	97
78) Pyrene	19.768	202	3337558	72.901	ng	95
80) Butylbenzylphthalate	20.661	149	687769	83.645	ng	97
81) Benzo(a)anthracene	21.601	228	3772439	74.359	ng	95
82) 3,3'-Dichlorobenzidine	21.519	252	1315432	78.797	ng	99
83) Chrysene	21.665	228	3608922	75.086	ng	94
84) Bis(2-ethylhexyl)phtha...	21.513	149	1033383	82.917	ng	98
85) Di-n-octyl phthalate	22.723	149	1793934	83.215	ng	99
87) Indeno(1,2,3-cd)pyrene	28.463	276	4909543	79.901	ng	100
88) Benzo(b)fluoranthene	23.798	252	4173056	78.480	ng	96
89) Benzo(k)fluoranthene	23.869	252	3943431	76.439	ng	99
90) Benzo(a)pyrene	24.668	252	3686536	78.254	ng	100
91) Dibenzo(a,h)anthracene	28.534	278	4123640	80.256	ng	99
92) Benzo(g,h,i)perylene	29.609	276	4040015	79.048	ng	99

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

