

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120423\
 Data File : BG059942.D
 Acq On : 4 Dec 2023 22:06
 Operator : MA/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/06/2023

Quant Time: Dec 05 01:47:36 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Dec 05 01:36:25 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	73412	20.000	ng	0.00
21) Naphthalene-d8	10.768	136	279352	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	271690	20.000	ng	0.00
64) Phenanthrene-d10	17.348	188	910089	20.000	ng	0.00
76) Chrysene-d12	21.625	240	1384777	20.000	ng	# 0.00
86) Perylene-d12	24.822	264	1533258	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	541650	163.757	ng	0.00
7) Phenol-d6	7.119	99	940435	185.420	ng	0.00
23) Nitrobenzene-d5	9.128	82	1207990	149.733	ng	0.00
42) 2,4,6-Tribromophenol	16.091	330	1367007	140.854	ng	0.00
45) 2-Fluorobiphenyl	13.229	172	3754125	142.810	ng	0.00
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.435	88	80804	72.986	ng	98
3) Pyridine	3.829	79	286878m	89.411	ng	
4) n-Nitrosodimethylamine	3.746	42	139248	61.951	ng	# 90
6) Aniline	7.289	93	503629	92.453	ng	99
8) 2-Chlorophenol	7.524	128	295419	88.753	ng	99
10) Phenol	7.148	94	464629	91.596	ng	95
11) bis(2-Chloroethyl)ether	7.383	93	322999	101.563	ng	92
12) 1,3-Dichlorobenzene	7.848	146	423546	80.627	ng	98
13) 1,4-Dichlorobenzene	8.000	146	424322	79.610	ng	93
14) 1,2-Dichlorobenzene	8.318	146	417286	77.019	ng	97
15) Benzyl Alcohol	8.200	79	449454	76.752	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.494	45	169503	141.809	ng	93
17) 2-Methylphenol	8.394	107	305612	84.159	ng	94
18) Hexachloroethane	9.046	117	160116	70.276	ng	# 82
19) n-Nitroso-di-n-propyla...	8.782	70	351310	85.563	ng	# 95
20) 3+4-Methylphenols	8.729	107	441918	84.506	ng	98
22) Acetophenone	8.788	105	686532	76.478	ng	# 99
24) Nitrobenzene	9.169	77	611845	78.002	ng	91
25) Isophorone	9.698	82	983371	79.950	ng	99
26) 2-Nitrophenol	9.875	139	201642	80.797	ng	# 88
27) 2,4-Dimethylphenol	9.933	122	238295	78.931	ng	93
28) bis(2-Chloroethoxy)met...	10.180	93	478783	93.427	ng	96
29) 2,4-Dichlorophenol	10.409	162	542286	75.110	ng	94
30) 1,2,4-Trichlorobenzene	10.632	180	790430	72.220	ng	# 96
31) Naphthalene	10.820	128	1120717	79.668	ng	97
32) Benzoic acid	10.104	122	276962m	96.470	ng	
33) 4-Chloroaniline	10.926	127	419713	79.547	ng	96
34) Hexachlorobutadiene	11.108	225	831686	64.366	ng	97
35) Caprolactam	11.719	113	106528m	82.313	ng	
36) 4-Chloro-3-methylphenol	12.043	107	464795	73.753	ng	91
37) 2-Methylnaphthalene	12.425	142	914331	68.102	ng	99
38) 1-Methylnaphthalene	12.648	142	885085m	68.480	ng	
40) 1,2,4,5-Tetrachloroben...	12.789	216	1489684	77.168	ng	98
41) Hexachlorocyclopentadiene	12.777	237	699655	73.554	ng	91
43) 2,4,6-Trichlorophenol	13.030	196	758865	75.885	ng	98
44) 2,4,5-Trichlorophenol	13.100	196	861762	77.000	ng	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.435	154	1548011	79.590	ng	98
47) 2-Chloronaphthalene	13.482	162	1382247	79.533	ng	98
48) 2-Nitroaniline	13.682	65	279418	80.845	ng	96
49) Acenaphthylene	14.322	152	1825049	81.065	ng	99
50) Dimethylphthalate	14.064	163	1807952	77.185	ng	99
51) 2,6-Dinitrotoluene	14.175	165	405686	81.067	ng	94
52) Acenaphthene	14.669	154	1350699m	80.035	ng	
53) 3-Nitroaniline	14.504	138	249215	83.222	ng	87
54) 2,4-Dinitrophenol	14.704	184	374651	89.148	ng	91
55) Dibenzofuran	15.004	168	2219555	74.743	ng	100
56) 4-Nitrophenol	14.804	139	211204	90.008	ng	91
57) 2,4-Dinitrotoluene	14.963	165	569834	76.731	ng	# 98
58) Fluorene	15.650	166	1917354	73.348	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.221	232	1009639	75.285	ng	99
60) Diethylphthalate	15.427	149	1589520	79.450	ng	99
61) 4-Chlorophenyl-phenyle...	15.644	204	1734428	74.862	ng	96
62) 4-Nitroaniline	15.674	138	263334	76.786	ng	# 86
63) Azobenzene	15.938	77	1555616	76.053	ng	97
65) 4,6-Dinitro-2-methylph...	15.727	198	546015	78.557	ng	96
66) n-Nitrosodiphenylamine	15.862	169	1664360	84.215	ng	99
67) 4-Bromophenyl-phenylether	16.537	248	1276588	73.506	ng	97
68) Hexachlorobenzene	16.655	284	1438203	74.555	ng	99
69) Atrazine	16.808	200	701158	66.124	ng	97
70) Pentachlorophenol	16.996	266	992406	76.042	ng	96
71) Phenanthrene	17.395	178	3292297	77.166	ng	99
72) Anthracene	17.483	178	3326356	76.557	ng	97
73) Carbazole	17.754	167	2562507	80.160	ng	96
74) Di-n-butylphthalate	18.323	149	2258301	84.716	ng	98
75) Fluoranthene	19.410	202	4810541	66.366	ng	91
77) Benzidine	19.587	184	766413	53.985	ng	# 95
78) Pyrene	19.769	202	4930672	65.872	ng	# 85
80) Butylbenzylphthalate	20.668	149	782253	77.593	ng	97
81) Benzo(a)anthracene	21.608	228	6201140	67.557	ng	# 84
82) 3,3'-Dichlorobenzidine	21.526	252	2242419	74.779	ng	# 97
83) Chrysene	21.678	228	5768430	66.374	ng	# 83
84) Bis(2-ethylhexyl)phtha...	21.531	149	1290366	87.745	ng	98
85) Di-n-octyl phthalate	22.742	149	2290840	87.420	ng	100
87) Indeno(1,2,3-cd)pyrene	28.482	276	8912524	78.570	ng	# 99
88) Benzo(b)fluoranthene	23.817	252	7354158m	75.049	ng	
89) Benzo(k)fluoranthene	23.882	252	7004534	74.075	ng	# 91
90) Benzo(a)pyrene	24.681	252	6415085	76.491	ng	92
91) Dibenzo(a,h)anthracene	28.559	278	7466671	77.106	ng	95
92) Benzo(g,h,i)perylene	29.645	276	7328004	80.152	ng	# 94

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

