

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
 Data File : BG059719.D
 Acq On : 16 Nov 2023 15:27
 Operator : MA/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 16 17:04:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 16:29:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.341	152	26534	20.000	ng	0.00
21) Naphthalene-d8	11.190	136	109496	20.000	ng	# 0.00
39) Acenaphthene-d10	14.974	164	74634	20.000	ng	0.00
64) Phenanthrene-d10	17.724	188	184553	20.000	ng	0.00
76) Chrysene-d12	22.054	240	145810	20.000	ng	# 0.00
86) Perylene-d12	25.638	264	271538	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	254853	161.662	ng	0.00
7) Phenol-d6	7.465	99	381308	163.220	ng	0.00
23) Nitrobenzene-d5	9.545	82	547742	191.051	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	157251	185.697	ng	0.00
45) 2-Fluorobiphenyl	13.599	172	1012741	182.651	ng	0.00
79) Terphenyl-d14	20.297	244	1920584	194.449	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.682	88	48864	66.068	ng	96
3) Pyridine	4.093	79	144993	70.453	ng	# 91
4) n-Nitrosodimethylamine	4.022	42	84467	78.510	ng	# 68
6) Aniline	7.671	93	257174	83.415	ng	98
8) 2-Chlorophenol	7.894	128	141881	82.960	ng	95
9) Benzaldehyde	7.489	77	113333	71.769	ng	87
10) Phenol	7.489	94	201561	83.714	ng	97
11) bis(2-Chloroethyl)ether	7.759	93	124657	83.169	ng	98
12) 1,3-Dichlorobenzene	8.223	146	154862	81.636	ng	91
13) 1,4-Dichlorobenzene	8.382	146	159623	83.571	ng	99
14) 1,2-Dichlorobenzene	8.699	146	156217	82.418	ng	99
15) Benzyl Alcohol	8.588	79	227055	85.230	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.870	45	44126	81.284	ng	# 76
17) 2-Methylphenol	8.764	107	145813	82.220	ng	93
18) Hexachloroethane	9.428	117	67613	83.506	ng	99
19) n-Nitroso-di-n-propyla...	9.157	70	149269	81.138	ng	98
20) 3+4-Methylphenols	9.099	107	196350	79.753	ng	94
22) Acetophenone	9.193	105	279675	90.218	ng	99
24) Nitrobenzene	9.592	77	251666	95.311	ng	95
25) Isophorone	10.098	82	440502	91.520	ng	97
26) 2-Nitrophenol	10.291	139	90227	93.205	ng	87
27) 2,4-Dimethylphenol	10.321	122	167895	85.301	ng	84
28) bis(2-Chloroethoxy)met...	10.579	93	160827	88.918	ng	99
29) 2,4-Dichlorophenol	10.814	162	141892	84.437	ng	90
30) 1,2,4-Trichlorobenzene	11.032	180	150316	88.508	ng	# 92
31) Naphthalene	11.243	128	473103	85.926	ng	96
32) Benzoic acid	10.474	122	125636	93.934	ng	# 78
33) 4-Chloroaniline	11.361	127	203496	86.895	ng	96
34) Hexachlorobutadiene	11.472	225	106344	92.004	ng	99
35) Caprolactam	12.166	113	49591m	80.746	ng	
36) 4-Chloro-3-methylphenol	12.430	107	191574	85.720	ng	# 87
37) 2-Methylnaphthalene	12.818	142	387777	83.622	ng	88
38) 1-Methylnaphthalene	13.041	142	355394	83.105	ng	94
40) 1,2,4,5-Tetrachloroben...	13.165	216	188116	93.329	ng	99
41) Hexachlorocyclopentadiene	13.118	237	125410	99.190	ng	93
43) 2,4,6-Trichlorophenol	13.405	196	121943	87.001	ng	98

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44) 2,4,5-Trichlorophenol	13.476	196	146757	89.110	ng	94
46) 1,1'-Biphenyl	13.811	154	511539	87.321	ng	98
47) 2-Chloronaphthalene	13.864	162	365531	90.809	ng	96
48) 2-Nitroaniline	14.081	65	139745	97.238	ng	92
49) Acenaphthylene	14.710	152	619081	90.199	ng	95
50) Dimethylphthalate	14.422	163	525418	90.844	ng	96
51) 2,6-Dinitrotoluene	14.563	165	97676	89.022	ng	89
52) Acenaphthene	15.039	154	378517	91.702	ng	96
53) 3-Nitroaniline	14.904	138	110768	86.247	ng	86
54) 2,4-Dinitrophenol	15.092	184	71506	87.702	ng #	79
55) Dibenzofuran	15.368	168	604719	88.857	ng	94
56) 4-Nitrophenol	15.168	139	85992	87.516	ng	91
57) 2,4-Dinitrotoluene	15.338	165	151724	89.919	ng #	98
58) Fluorene	16.014	166	521455	92.227	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.573	232	124717	86.017	ng	94
60) Diethylphthalate	15.762	149	557197	89.827	ng	97
61) 4-Chlorophenyl-phenyle...	15.997	204	263200	90.440	ng	98
62) 4-Nitroaniline	16.067	138	108573	84.351	ng #	78
63) Azobenzene	16.296	77	634505	92.047	ng	95
65) 4,6-Dinitro-2-methylph...	16.085	198	101411	89.915	ng	98
66) n-Nitrosodiphenylamine	16.220	169	461579	85.618	ng	98
67) 4-Bromophenyl-phenylether	16.895	248	183299	92.452	ng	96
68) Hexachlorobenzene	16.989	284	160047	86.489	ng	96
69) Atrazine	17.148	200	119071	68.888	ng	97
70) Pentachlorophenol	17.342	266	120669	85.474	ng	94
71) Phenanthrene	17.765	178	813479	86.696	ng	99
72) Anthracene	17.859	178	842707	86.438	ng	99
73) Carbazole	18.135	167	723075	84.897	ng	98
74) Di-n-butylphthalate	18.635	149	874143	84.909	ng	97
75) Fluoranthene	19.757	202	949991	84.425	ng	98
77) Benzidine	19.945	184	234486	70.920	ng	97
78) Pyrene	20.121	202	941044	94.884	ng	100
80) Butylbenzylphthalate	20.979	149	389591	95.770	ng	98
81) Benzo(a)anthracene	22.031	228	923788	92.593	ng	98
82) 3,3'-Dichlorobenzidine	21.942	252	328591	88.405	ng	94
83) Chrysene	22.107	228	849233	92.857	ng	96
84) Bis(2-ethylhexyl)phtha...	21.860	149	538082	94.621	ng #	97
85) Di-n-octyl phthalate	23.194	149	919393	83.981	ng	98
87) Indeno(1,2,3-cd)pyrene	29.816	276	1760959	85.704	ng #	82
88) Benzo(b)fluoranthene	24.481	252	1219553m	81.943	ng	
89) Benzo(k)fluoranthene	24.563	252	1235442m	83.981	ng	
90) Benzo(a)pyrene	25.468	252	1370413	86.279	ng #	99
91) Dibenzo(a,h)anthracene	29.910	278	1473408	84.821	ng #	98
92) Benzo(g,h,i)perylene	31.155	276	1392766	84.461	ng #	98

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

