

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060823\
 Data File : BG057668.D
 Acq On : 8 Jun 2023 12:30
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/09/2023
 Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 09 00:35:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 09 00:28:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.313	152	7932	20.000	ng	0.00
21) Naphthalene-d8	11.151	136	69992	20.000	ng	0.00
39) Acenaphthene-d10	14.934	164	46204	20.000	ng	0.00
64) Phenanthrene-d10	17.672	188	107077	20.000	ng	# 0.00
76) Chrysene-d12	21.967	240	99199	20.000	ng	# 0.00
86) Perylene-d12	25.434	264	114674	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.833	112	18544	48.583	ng	0.00
7) Phenol-d6	7.461	99	28078	44.732	ng	0.00
23) Nitrobenzene-d5	9.494	82	31288	19.817	ng	0.00
42) 2,4,6-Tribromophenol	16.415	330	26118	38.490	ng	0.00
45) 2-Fluorobiphenyl	13.554	172	140517	40.814	ng	0.00
79) Terphenyl-d14	20.240	244	220394	38.231	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.624	88	10762	44.565	ng	99
3) Pyridine	4.059	79	18892	37.130	ng	95
4) n-Nitrosodimethylamine	3.965	42	11863	31.235	ng	88
6) Aniline	7.631	93	17522	21.493	ng	95
8) 2-Chlorophenol	7.878	128	10154	21.274	ng	92
9) Benzaldehyde	7.443	77	8776	24.081	ng	97
10) Phenol	7.490	94	13298	22.045	ng	90
11) bis(2-Chloroethyl)ether	7.713	93	9778	20.681	ng	96
12) 1,3-Dichlorobenzene	8.201	146	10617m	20.945	ng	
13) 1,4-Dichlorobenzene	8.348	146	11116	20.743	ng	99
14) 1,2-Dichlorobenzene	8.677	146	11055	21.472	ng	96
15) Benzyl Alcohol	8.554	79	10934	21.400	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.836	45	21363	21.750	ng	98
17) 2-Methylphenol	8.759	107	10164	21.633	ng	# 92
18) Hexachloroethane	9.406	117	4569	22.540	ng	98
19) n-Nitroso-di-n-propyla...	9.112	70	9988	22.496	ng	90
20) 3+4-Methylphenols	9.088	107	14015	21.748	ng	97
22) Acetophenone	9.147	105	18332	9.383	ng	# 90
24) Nitrobenzene	9.535	77	15648	10.148	ng	# 93
25) Isophorone	10.052	82	43554	15.776	ng	97
26) 2-Nitrophenol	10.257	139	12572	20.022	ng	99
27) 2,4-Dimethylphenol	10.299	122	24017	20.925	ng	92
28) bis(2-Chloroethoxy)met...	10.528	93	34560	23.791	ng	97
29) 2,4-Dichlorophenol	10.804	162	23279	22.224	ng	99
30) 1,2,4-Trichlorobenzene	11.010	180	25834	20.464	ng	95
31) Naphthalene	11.203	128	79582	20.913	ng	99
32) Benzoic acid	10.445	122	6824m	12.143	ng	
33) 4-Chloroaniline	11.309	127	34372	20.753	ng	98
34) Hexachlorobutadiene	11.468	225	17933	20.644	ng	98
35) Caprolactam	12.067	113	7352	22.647	ng	93
36) 4-Chloro-3-methylphenol	12.414	107	27076	21.622	ng	97
37) 2-Methylnaphthalene	12.784	142	57665	22.169	ng	95
38) 1-Methylnaphthalene	13.001	142	52399	21.605	ng	99
40) 1,2,4,5-Tetrachloroben...	13.142	216	29700	19.939	ng	98
41) Hexachlorocyclopentadiene	13.113	237	2377	19.436	ng	83
43) 2,4,6-Trichlorophenol	13.383	196	18467	20.253	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.471	196	22039	20.686	ng	97
46) 1,1'-Biphenyl	13.765	154	70305	20.566	ng	97
47) 2-Chloronaphthalene	13.818	162	53511	21.069	ng	98
48) 2-Nitroaniline	14.024	65	20778	20.017	ng	94
49) Acenaphthylene	14.658	152	89015	20.780	ng	100
50) Dimethylphthalate	14.364	163	72008	20.356	ng	98
51) 2,6-Dinitrotoluene	14.500	165	15643	20.718	ng	97
52) Acenaphthene	14.993	154	51633	20.463	ng	100
53) 3-Nitroaniline	14.840	138	16314	21.146	ng	96
54) 2,4-Dinitrophenol	15.069	184	4641	16.192	ng	95
55) Dibenzofuran	15.328	168	87837	21.405	ng	97
56) 4-Nitrophenol	15.164	139	8027	18.279	ng	94
57) 2,4-Dinitrotoluene	15.293	165	21506	20.928	ng	95
58) Fluorene	15.974	166	72122	21.823	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.557	232	16492	19.125	ng	99
60) Diethylphthalate	15.710	149	74918	21.122	ng	99
61) 4-Chlorophenyl-phenyle...	15.951	204	38265	20.655	ng	97
62) 4-Nitroaniline	15.998	138	16125	21.181	ng	85
63) Azobenzene	16.245	77	74947	21.438	ng	99
65) 4,6-Dinitro-2-methylph...	16.062	198	11819	17.573	ng	88
66) n-Nitrosodiphenylamine	16.162	169	61558	17.321	ng	99
67) 4-Bromophenyl-phenylether	16.844	248	23633	17.603	ng	94
68) Hexachlorobenzene	16.979	284	25276	19.705	ng	95
69) Atrazine	17.097	200	22887	20.425	ng	97
70) Pentachlorophenol	17.337	266	7992	20.717	ng	# 88
71) Phenanthrene	17.713	178	112173	19.996	ng	98
72) Anthracene	17.807	178	115436	19.870	ng	98
73) Carbazole	18.072	167	104791	19.501	ng	98
74) Di-n-butylphthalate	18.583	149	125910	17.409	ng	99
75) Fluoranthene	19.705	202	136972	16.983	ng	96
77) Benzidine	19.870	184	49969	19.880	ng	98
78) Pyrene	20.064	202	141100	19.657	ng	99
80) Butylbenzylphthalate	20.910	149	56414	21.569	ng	96
81) Benzo(a)anthracene	21.944	228	144611	20.692	ng	99
82) 3,3'-Dichlorobenzidine	21.844	252	52380	21.149	ng	99
83) Chrysene	22.020	228	139014	21.031	ng	95
84) Bis(2-ethylhexyl)phtha...	21.785	149	82835	21.137	ng	98
85) Di-n-octyl phthalate	23.060	149	143571	21.216	ng	98
87) Indeno(1,2,3-cd)pyrene	29.435	276	158491	20.605	ng	# 94
88) Benzo(b)fluoranthene	24.317	252	139253	20.675	ng	# 98
89) Benzo(k)fluoranthene	24.394	252	143785	21.010	ng	# 97
90) Benzo(a)pyrene	25.269	252	136450	20.841	ng	# 98
91) Dibenzo(a,h)anthracene	29.476	278	132365	20.588	ng	# 96
92) Benzo(g,h,i)perylene	30.686	276	130603	20.797	ng	# 96

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

