

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061323\
 Data File : BG057694.D
 Acq On : 13 Jun 2023 18:36
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 14 03:06:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 03:04:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	27434	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	119770	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	86273	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	205119	20.000	ng	0.00
76) Chrysene-d12	21.572	240	173330	20.000	ng	0.00
86) Perylene-d12	24.739	264	218097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	135803	80.603	ng	0.00
7) Phenol-d6	7.095	99	207482	80.161	ng	0.00
23) Nitrobenzene-d5	9.104	82	137758	73.728	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	77040	80.041	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	450864	77.899	ng	0.00
79) Terphenyl-d14	19.933	244	721136	76.921	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.423	88	32397m	37.769	ng	
3) Pyridine	3.816	79	99539	40.978	ng	100
4) n-Nitrosodimethylamine	3.734	42	48251	40.742	ng	100
6) Aniline	7.265	93	134371	39.568	ng	100
8) 2-Chlorophenol	7.506	128	64008	39.624	ng	100
9) Benzaldehyde	7.077	77	61682	38.663	ng	100
10) Phenol	7.124	94	101258	40.036	ng	100
11) bis(2-Chloroethyl)ether	7.365	93	78641	39.671	ng	100
12) 1,3-Dichlorobenzene	7.829	146	70036	37.480	ng	100
13) 1,4-Dichlorobenzene	7.976	146	71601	38.647	ng	100
14) 1,2-Dichlorobenzene	8.293	146	69879	38.820	ng	100
15) Benzyl Alcohol	8.176	79	80892	40.807	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.475	45	169054	39.166	ng	100
17) 2-Methylphenol	8.376	107	73910	39.712	ng	100
18) Hexachloroethane	9.028	117	22151	38.689	ng	100
19) n-Nitroso-di-n-propyla...	8.746	70	74856	39.998	ng	100
20) 3+4-Methylphenols	8.705	107	103310	40.598	ng	100
22) Acetophenone	8.763	105	136858	39.333	ng	100
24) Nitrobenzene	9.145	77	77527	37.185	ng	100
25) Isophorone	9.668	82	214816	38.696	ng	100
26) 2-Nitrophenol	9.856	139	16874	39.377	ng	100
27) 2,4-Dimethylphenol	9.909	122	74358	40.113	ng	100
28) bis(2-Chloroethoxy)met...	10.156	93	114098	39.537	ng	100
29) 2,4-Dichlorophenol	10.385	162	66305	42.166	ng	100
30) 1,2,4-Trichlorobenzene	10.608	180	80604	39.438	ng	100
31) Naphthalene	10.796	128	251030	38.998	ng	100
32) Benzoic acid	10.032	122	27923	38.547	ng	100
33) 4-Chloroaniline	10.902	127	117427	39.183	ng	100
34) Hexachlorobutadiene	11.084	225	49553	38.556	ng	100
35) Caprolactam	11.672	113	27249	42.007	ng	100
36) 4-Chloro-3-methylphenol	12.018	107	91840	41.226	ng	100
37) 2-Methylnaphthalene	12.400	142	185922	39.041	ng	100
38) 1-Methylnaphthalene	12.624	142	175029	39.178	ng	100
40) 1,2,4,5-Tetrachloroben...	12.765	216	96031	39.322	ng	100
41) Hexachlorocyclopentadiene	12.753	237	37999	40.794	ng	100
43) 2,4,6-Trichlorophenol	13.005	196	59964	38.637	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.070	196	70288	38.324	ng	100
46) 1,1'-Biphenyl	13.411	154	232803	39.056	ng	100
47) 2-Chloronaphthalene	13.452	162	175099	38.866	ng	100
48) 2-Nitroaniline	13.652	65	42017	38.251	ng	100
49) Acenaphthylene	14.298	152	305564	39.109	ng	100
50) Dimethylphthalate	14.034	163	252743	39.955	ng	100
51) 2,6-Dinitrotoluene	14.145	165	32684	38.469	ng	100
52) Acenaphthene	14.639	154	183779	39.241	ng	100
53) 3-Nitroaniline	14.474	138	39629	38.854	ng	100
54) 2,4-Dinitrophenol	14.674	184	9849	37.899	ng	100
55) Dibenzofuran	14.974	168	302700	38.505	ng	100
56) 4-Nitrophenol	14.768	139	30583	38.379	ng	100
57) 2,4-Dinitrotoluene	14.933	165	42313	38.277	ng	100
58) Fluorene	15.620	166	238301	38.053	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.191	232	58713	38.338	ng	100
60) Diethylphthalate	15.397	149	261609	40.064	ng	100
61) 4-Chlorophenyl-phenyle...	15.614	204	128701	38.361	ng	100
62) 4-Nitroaniline	15.638	138	43230	37.148	ng	100
63) Azobenzene	15.908	77	269993	38.455	ng	100
65) 4,6-Dinitro-2-methylph...	15.691	198	15443	37.715	ng	100
66) n-Nitrosodiphenylamine	15.832	169	211210	39.390	ng	100
67) 4-Bromophenyl-phenylether	16.507	248	81011	38.787	ng	100
68) Hexachlorobenzene	16.619	284	86293	39.535	ng	100
69) Atrazine	16.778	200	72975	40.906	ng	100
70) Pentachlorophenol	16.960	266	52501	40.064	ng	100
71) Phenanthrene	17.359	178	387671	38.731	ng	100
72) Anthracene	17.453	178	394484	38.904	ng	100
73) Carbazole	17.718	167	364004	38.763	ng	100
74) Di-n-butylphthalate	18.288	149	438253	42.105	ng	100
75) Fluoranthene	19.369	202	462815	38.383	ng	100
77) Benzidine	19.551	184	178038	43.087	ng	100
78) Pyrene	19.733	202	476196	38.613	ng	100
80) Butylbenzylphthalate	20.626	149	166522	38.032	ng	100
81) Benzo(a)anthracene	21.554	228	466832	39.000	ng	100
82) 3,3'-Dichlorobenzidine	21.472	252	161776	41.492	ng	100
83) Chrysene	21.619	228	448369	39.359	ng	100
84) Bis(2-ethylhexyl)phtha...	21.478	149	257890	42.446	ng	100
85) Di-n-octyl phthalate	22.676	149	428920	40.941	ng	100
87) Indeno(1,2,3-cd)pyrene	28.340	276	549249	38.921	ng	100
88) Benzo(b)fluoranthene	23.734	252	455787	38.523	ng	100
89) Benzo(k)fluoranthene	23.799	252	477437	38.908	ng	100
90) Benzo(a)pyrene	24.592	252	455961	39.195	ng	100
91) Dibenzo(a,h)anthracene	28.411	278	453303	38.872	ng	100
92) Benzo(g,h,i)perylene	29.469	276	450688	38.721	ng	100

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

