

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG043024\
 Data File : BG061064.D
 Acq On : 30 Apr 2024 14:59
 Operator : MA/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024

Supervised By :mohammad ahmed 05/03/2024

Quant Time: May 01 04:51:52 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed May 01 04:45:52 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.961	152	20081	20.000	ng	0.00
21) Naphthalene-d8	10.758	136	91811	20.000	ng	0.00
39) Acenaphthene-d10	14.589	164	82390	20.000	ng	0.00
64) Phenanthrene-d10	17.332	188	207594	20.000	ng	0.00
76) Chrysene-d12	21.592	240	201431	20.000	ng	0.00
86) Perylene-d12	24.724	264	232002	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	119760	121.289	ng	0.00
7) Phenol-d6	7.133	99	181891	124.526	ng	0.00
23) Nitrobenzene-d5	9.118	82	221318	119.498	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	193422	117.451	ng	0.00
45) 2-Fluorobiphenyl	13.214	172	673102	120.807	ng	0.00
79) Terphenyl-d14	19.953	244	1443056	119.148	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.466	88	22950	57.485	ng	99
3) Pyridine	3.854	79	72634m	65.227	ng	
4) n-Nitrosodimethylamine	3.772	42	67691	59.972	ng	97
6) Aniline	7.291	93	90892	62.769	ng	# 95
8) 2-Chlorophenol	7.532	128	72705	60.019	ng	99
9) Benzaldehyde	7.103	77	42736	60.724	ng	99
10) Phenol	7.162	94	92425	62.221	ng	95
11) bis(2-Chloroethyl)ether	7.385	93	62145	60.560	ng	99
12) 1,3-Dichlorobenzene	7.855	146	83208	58.266	ng	96
13) 1,4-Dichlorobenzene	7.996	146	86088	58.327	ng	94
14) 1,2-Dichlorobenzene	8.314	146	85207	59.837	ng	98
15) Benzyl Alcohol	8.202	79	81502	61.855	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.496	45	139139	62.487	ng	99
17) 2-Methylphenol	8.408	107	66011	62.359	ng	97
18) Hexachloroethane	9.042	117	31366	59.557	ng	90
19) n-Nitroso-di-n-propyla...	8.772	70	68669	62.819	ng	94
20) 3+4-Methylphenols	8.737	107	96539	63.211	ng	96
22) Acetophenone	8.778	105	136978	59.908	ng	# 96
24) Nitrobenzene	9.165	77	109313	60.333	ng	97
25) Isophorone	9.683	82	203202	59.354	ng	97
26) 2-Nitrophenol	9.871	139	52866	61.585	ng	96
27) 2,4-Dimethylphenol	9.935	122	59894	60.519	ng	92
28) bis(2-Chloroethoxy)met...	10.164	93	100313	59.702	ng	96
29) 2,4-Dichlorophenol	10.411	162	92901	59.911	ng	94
30) 1,2,4-Trichlorobenzene	10.623	180	112302	60.105	ng	99
31) Naphthalene	10.811	128	281517	58.999	ng	99
32) Benzoic acid	10.100	122	72981m	66.797	ng	
33) 4-Chloroaniline	10.916	127	116044	60.980	ng	97
34) Hexachlorobutadiene	11.099	225	95346	59.473	ng	97
35) Caprolactam	11.698	113	32798m	58.733	ng	
36) 4-Chloro-3-methylphenol	12.044	107	112562	60.198	ng	97
37) 2-Methylnaphthalene	12.415	142	212053	59.305	ng	98
38) 1-Methylnaphthalene	12.632	142	213298	59.254	ng	97
40) 1,2,4,5-Tetrachloroben...	12.785	216	164706	59.902	ng	99
41) Hexachlorocyclopentadiene	12.761	237	69002	65.555	ng	98
43) 2,4,6-Trichlorophenol	13.020	196	107732	61.029	ng	97

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44) 2,4,5-Trichlorophenol	13.096	196	119726	59.927	ng	98
46) 1,1'-Biphenyl	13.419	154	315862	59.792	ng	97
47) 2-Chloronaphthalene	13.466	162	250986	59.333	ng	95
48) 2-Nitroaniline	13.666	65	95349	60.743	ng	95
49) Acenaphthylene	14.312	152	389879	60.009	ng	99
50) Dimethylphthalate	14.048	163	369851	58.119	ng	99
51) 2,6-Dinitrotoluene	14.160	165	79819	58.639	ng	97
52) Acenaphthene	14.653	154	242694	59.880	ng	98
53) 3-Nitroaniline	14.489	138	73183	58.759	ng	94
54) 2,4-Dinitrophenol	14.700	184	56323	58.969	ng	93
55) Dibenzofuran	14.988	168	404308	59.058	ng	96
56) 4-Nitrophenol	14.812	139	58999	58.616	ng	96
57) 2,4-Dinitrotoluene	14.953	165	118433	58.810	ng	97
58) Fluorene	15.634	166	348619	58.850	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.217	232	122099	59.369	ng	97
60) Diethylphthalate	15.411	149	366769	57.153	ng	99
61) 4-Chlorophenyl-phenyle...	15.628	204	207704	58.393	ng	98
62) 4-Nitroaniline	15.658	138	78863	58.382	ng	95
63) Azobenzene	15.922	77	293138	58.680	ng	98
65) 4,6-Dinitro-2-methylph...	15.717	198	80675	62.635	ng	97
66) n-Nitrosodiphenylamine	15.846	169	312941	60.790	ng	99
67) 4-Bromophenyl-phenylether	16.522	248	152687	62.436	ng	96
68) Hexachlorobenzene	16.639	284	185672	61.000	ng	97
69) Atrazine	16.798	200	120636	56.823	ng	94
70) Pentachlorophenol	16.986	266	121098	64.760	ng	94
71) Phenanthrene	17.374	178	565759	59.603	ng	99
72) Anthracene	17.468	178	571867	60.378	ng	99
73) Carbazole	17.738	167	481192	57.782	ng	100
74) Di-n-butylphthalate	18.302	149	573304	57.895	ng	100
75) Fluoranthene	19.383	202	746202	57.383	ng	98
77) Benzidine	19.565	184	227611	58.718	ng	98
78) Pyrene	19.747	202	768437	60.005	ng	99
80) Butylbenzylphthalate	20.640	149	243864	60.158	ng	97
81) Benzo(a)anthracene	21.574	228	782097	59.335	ng	98
82) 3,3'-Dichlorobenzidine	21.486	252	282945	59.648	ng	98
83) Chrysene	21.639	228	732322	59.300	ng	98
84) Bis(2-ethylhexyl)phtha...	21.492	149	326319	61.646	ng	99
85) Di-n-octyl phthalate	22.679	149	565370	60.537	ng	99
87) Indeno(1,2,3-cd)pyrene	28.296	276	937746	60.991	ng	99
88) Benzo(b)fluoranthene	23.737	252	793816	61.231	ng	99
89) Benzo(k)fluoranthene	23.801	252	736667	59.153	ng	100
90) Benzo(a)pyrene	24.577	252	685425	60.685	ng	99
91) Dibenzo(a,h)anthracene	28.355	278	779458	61.216	ng #	98
92) Benzo(g,h,i)perylene	29.401	276	767575	60.662	ng	98

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

