

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032924\
 Data File : BG060704.D
 Acq On : 29 Mar 2024 14:14
 Operator : MA/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024

Quant Time: Mar 30 03:04:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 02:56:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	57709	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	251545	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	182721	20.000	ng	0.00
64) Phenanthrene-d10	17.335	188	410372	20.000	ng	0.00
76) Chrysene-d12	21.607	240	380201	20.000	ng	0.00
86) Perylene-d12	24.750	264	453443	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	335731	96.916	ng	0.00
7) Phenol-d6	7.118	99	501489	97.525	ng	0.00
23) Nitrobenzene-d5	9.116	82	467195	105.981	ng	0.00
42) 2,4,6-Tribromophenol	16.078	330	215595	103.942	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1242043	99.762	ng	0.00
79) Terphenyl-d14	19.968	244	2039169	94.441	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.464	88	71047	50.023	ng	92
3) Pyridine	3.851	79	225745	52.694	ng	97
4) n-Nitrosodimethylamine	3.763	42	132055	51.567	ng	98
6) Aniline	7.288	93	316765	48.782	ng	97
8) 2-Chlorophenol	7.523	128	194513	49.528	ng	97
9) Benzaldehyde	7.100	77	126270	44.532	ng	98
10) Phenol	7.142	94	254519	48.500	ng	99
11) bis(2-Chloroethyl)ether	7.388	93	204041	48.157	ng	99
12) 1,3-Dichlorobenzene	7.852	146	195737	47.927	ng	99
13) 1,4-Dichlorobenzene	7.999	146	200485	48.116	ng	100
14) 1,2-Dichlorobenzene	8.317	146	190852	46.739	ng	99
15) Benzyl Alcohol	8.193	79	205058	49.230	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.493	45	452921m	47.352	ng	
17) 2-Methylphenol	8.393	107	191105	48.238	ng	99
18) Hexachloroethane	9.045	117	71067	48.024	ng	91
19) n-Nitroso-di-n-propyla...	8.769	70	190183	48.499	ng	97
20) 3+4-Methylphenols	8.722	107	266828	49.185	ng	98
22) Acetophenone	8.781	105	342554	49.388	ng	99
24) Nitrobenzene	9.157	77	242763	49.388	ng	99
25) Isophorone	9.686	82	511289	50.356	ng	98
26) 2-Nitrophenol	9.868	139	86122	49.752	ng	95
27) 2,4-Dimethylphenol	9.927	122	203427	49.876	ng	98
28) bis(2-Chloroethoxy)met...	10.173	93	303192	50.579	ng	98
29) 2,4-Dichlorophenol	10.402	162	196715	52.522	ng	98
30) 1,2,4-Trichlorobenzene	10.620	180	213315	50.297	ng	95
31) Naphthalene	10.808	128	669527	49.204	ng	99
32) Benzoic acid	10.062	122	133042	48.880	ng	93
33) 4-Chloroaniline	10.908	127	315680	49.949	ng	99
34) Hexachlorobutadiene	11.107	225	142148	50.291	ng	96
35) Caprolactam	11.683	113	72073	48.599	ng	95
36) 4-Chloro-3-methylphenol	12.030	107	237261	49.588	ng	98
37) 2-Methylnaphthalene	12.418	142	485422	48.524	ng	99
38) 1-Methylnaphthalene	12.635	142	460488	48.726	ng	98
40) 1,2,4,5-Tetrachloroben...	12.782	216	269106	51.229	ng	99
41) Hexachlorocyclopentadiene	12.770	237	143302	53.650	ng	97
43) 2,4,6-Trichlorophenol	13.017	196	181704	53.719	ng	97

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44) 2,4,5-Trichlorophenol	13.088	196	212554	52.656	ng	97
46) 1,1'-Biphenyl	13.428	154	642018	49.745	ng	99
47) 2-Chloronaphthalene	13.464	162	494899	50.470	ng	97
48) 2-Nitroaniline	13.657	65	162832	50.717	ng	93
49) Acenaphthylene	14.316	152	830458	50.404	ng	99
50) Dimethylphthalate	14.057	163	717366	49.671	ng	100
51) 2,6-Dinitrotoluene	14.163	165	129530	49.940	ng	96
52) Acenaphthene	14.656	154	519160	50.186	ng	98
53) 3-Nitroaniline	14.486	138	141223	49.678	ng	95
54) 2,4-Dinitrophenol	14.686	184	53847	53.564	ng	90
55) Dibenzofuran	14.991	168	813283	49.842	ng	99
56) 4-Nitrophenol	14.780	139	111468	52.795	ng	96
57) 2,4-Dinitrotoluene	14.944	165	170946	50.523	ng	98
58) Fluorene	15.643	166	638817	48.780	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.209	232	184426	52.450	ng	98
60) Diethylphthalate	15.426	149	711475	48.965	ng	100
61) 4-Chlorophenyl-phenyle...	15.637	204	338880	48.913	ng	96
62) 4-Nitroaniline	15.649	138	142674	54.032	ng	97
63) Azobenzene	15.931	77	700036	49.441	ng	98
65) 4,6-Dinitro-2-methylph...	15.708	198	82640	48.680	ng	96
66) n-Nitrosodiphenylamine	15.849	169	602032	51.337	ng	98
67) 4-Bromophenyl-phenylether	16.536	248	210124	50.453	ng	99
68) Hexachlorobenzene	16.642	284	238881	50.810	ng	97
69) Atrazine	16.807	200	201607	49.162	ng	98
70) Pentachlorophenol	16.983	266	168418	54.900	ng	98
71) Phenanthrene	17.382	178	1056982	49.525	ng	100
72) Anthracene	17.471	178	1077688	49.721	ng	99
73) Carbazole	17.735	167	942324	49.310	ng	99
74) Di-n-butylphthalate	18.323	149	1183425	49.671	ng	99
75) Fluoranthene	19.392	202	1259515	48.633	ng	99
77) Benzidine	19.574	184	507307	50.672	ng	100
78) Pyrene	19.750	202	1298744	48.843	ng	99
80) Butylbenzylphthalate	20.667	149	514728	53.066	ng	97
81) Benzo(a)anthracene	21.583	228	1330536	49.647	ng	99
82) 3,3'-Dichlorobenzidine	21.507	252	463404	51.210	ng	98
83) Chrysene	21.654	228	1282113	49.634	ng	100
84) Bis(2-ethylhexyl)phtha...	21.542	149	805431	52.097	ng	98
85) Di-n-octyl phthalate	22.753	149	1342798	53.315	ng	99
87) Indeno(1,2,3-cd)pyrene	28.328	276	1655878	51.857	ng	93
88) Benzo(b)fluoranthene	23.763	252	1295564	49.733	ng	99
89) Benzo(k)fluoranthene	23.828	252	1328065	50.017	ng	99
90) Benzo(a)pyrene	24.603	252	1269036	50.128	ng	99
91) Dibenzo(a,h)anthracene	28.405	278	1399817	52.004	ng	97
92) Benzo(g,h,i)perylene	29.433	276	1348226	51.489	ng	99

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

