

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041724\
 Data File : BG060921.D
 Acq On : 17 Apr 2024 15:13
 Operator : MA/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 18 01:56:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 01:47:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	45649	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	190821	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	156237	20.000	ng	0.00
64) Phenanthrene-d10	17.317	188	397753	20.000	ng	0.00
76) Chrysene-d12	21.577	240	379681	20.000	ng	0.00
86) Perylene-d12	24.703	264	447490	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	258867	98.501	ng	0.00
7) Phenol-d6	7.112	99	382908	101.139	ng	0.00
23) Nitrobenzene-d5	9.098	82	423536	100.762	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	260889	101.077	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	1062992	99.842	ng	0.00
79) Terphenyl-d14	19.944	244	2084194	95.802	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.451	88	50000	47.064	ng	96
3) Pyridine	3.839	79	170171	50.408	ng	96
4) n-Nitrosodimethylamine	3.757	42	106805	49.517	ng	# 99
6) Aniline	7.270	93	227115	49.236	ng	96
8) 2-Chlorophenol	7.511	128	148030	49.511	ng	98
9) Benzaldehyde	7.082	77	96301	47.417	ng	97
10) Phenol	7.135	94	192478	50.728	ng	98
11) bis(2-Chloroethyl)ether	7.364	93	146048	49.624	ng	97
12) 1,3-Dichlorobenzene	7.834	146	160293	50.459	ng	94
13) 1,4-Dichlorobenzene	7.981	146	160868	49.466	ng	99
14) 1,2-Dichlorobenzene	8.293	146	157877	49.923	ng	99
15) Benzyl Alcohol	8.175	79	167769	51.514	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.469	45	359543m	50.548	ng	
17) 2-Methylphenol	8.381	107	153713	51.272	ng	97
18) Hexachloroethane	9.021	117	58168	50.371	ng	95
19) n-Nitroso-di-n-propyla...	8.751	70	149165	51.726	ng	99
20) 3+4-Methylphenols	8.710	107	215417	51.793	ng	97
22) Acetophenone	8.763	105	273434	50.318	ng	# 98
24) Nitrobenzene	9.139	77	204806	49.647	ng	98
25) Isophorone	9.668	82	391937	50.528	ng	97
26) 2-Nitrophenol	9.850	139	91199	52.624	ng	97
27) 2,4-Dimethylphenol	9.914	122	150077	49.151	ng	99
28) bis(2-Chloroethoxy)met...	10.149	93	214633	49.210	ng	97
29) 2,4-Dichlorophenol	10.384	162	163014	49.207	ng	98
30) 1,2,4-Trichlorobenzene	10.602	180	175714	49.481	ng	97
31) Naphthalene	10.790	128	515159	49.918	ng	99
32) Benzoic acid	10.055	122	136779m	55.265	ng	
33) 4-Chloroaniline	10.890	127	240325	49.689	ng	98
34) Hexachlorobutadiene	11.078	225	124587	49.352	ng	97
35) Caprolactam	11.665	113	61474	50.293	ng	98
36) 4-Chloro-3-methylphenol	12.018	107	199121	49.730	ng	100
37) 2-Methylnaphthalene	12.394	142	388985	49.824	ng	97
38) 1-Methylnaphthalene	12.617	142	368066	49.939	ng	98
40) 1,2,4,5-Tetrachloroben...	12.764	216	244722	50.760	ng	99
41) Hexachlorocyclopentadiene	12.746	237	132690	53.825	ng	97
43) 2,4,6-Trichlorophenol	12.999	196	169159	50.456	ng	99

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44) 2,4,5-Trichlorophenol	13.075	196	202232	50.019	ng	98
46) 1,1'-Biphenyl	13.410	154	540577	50.886	ng	99
47) 2-Chloronaphthalene	13.445	162	415505	51.103	ng	99
48) 2-Nitroaniline	13.645	65	172433	51.681	ng	98
49) Acenaphthylene	14.292	152	692715	50.384	ng	98
50) Dimethylphthalate	14.033	163	619892	49.999	ng	99
51) 2,6-Dinitrotoluene	14.145	165	130030	51.458	ng	98
52) Acenaphthene	14.638	154	410578	49.241	ng	95
53) 3-Nitroaniline	14.474	138	140525	50.660	ng	96
54) 2,4-Dinitrophenol	14.673	184	75998	49.315	ng	92
55) Dibenzofuran	14.973	168	703070	49.915	ng	98
56) 4-Nitrophenol	14.779	139	111023	52.276	ng	99
57) 2,4-Dinitrotoluene	14.932	165	189954	52.606	ng	98
58) Fluorene	15.619	166	576305	49.326	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.196	232	187690	50.533	ng	99
60) Diethylphthalate	15.402	149	616407	49.638	ng	99
61) 4-Chlorophenyl-phenyle...	15.614	204	319544	49.339	ng	96
62) 4-Nitroaniline	15.637	138	150810	50.565	ng	97
63) Azobenzene	15.913	77	588293	50.265	ng	99
65) 4,6-Dinitro-2-methylph...	15.696	198	116601	52.545	ng	97
66) n-Nitrosodiphenylamine	15.831	169	551251	50.486	ng	98
67) 4-Bromophenyl-phenylether	16.512	248	225486	50.605	ng	95
68) Hexachlorobenzene	16.624	284	243607	50.244	ng	98
69) Atrazine	16.783	200	189482	48.286	ng	95
70) Pentachlorophenol	16.965	266	176987	53.901	ng	98
71) Phenanthrene	17.359	178	1003911	49.864	ng	99
72) Anthracene	17.453	178	1035114	50.053	ng	99
73) Carbazole	17.717	167	891940	49.503	ng	100
74) Di-n-butylphthalate	18.293	149	1071124	49.378	ng	100
75) Fluoranthene	19.374	202	1252773	48.887	ng	99
77) Benzidine	19.550	184	396255	47.316	ng	99
78) Pyrene	19.732	202	1289139	49.495	ng	99
80) Butylbenzylphthalate	20.637	149	482895	50.478	ng	98
81) Benzo(a)anthracene	21.560	228	1331039	49.645	ng	98
82) 3,3'-Dichlorobenzidine	21.477	252	475831	49.837	ng	99
83) Chrysene	21.624	228	1288730	50.343	ng	99
84) Bis(2-ethylhexyl)phtha...	21.495	149	705942	49.904	ng	100
85) Di-n-octyl phthalate	22.682	149	1225619	50.213	ng	100
87) Indeno(1,2,3-cd)pyrene	28.246	276	1569744	50.728	ng	98
88) Benzo(b)fluoranthene	23.716	252	1256139	49.613	ng	99
89) Benzo(k)fluoranthene	23.780	252	1318541	50.906	ng	99
90) Benzo(a)pyrene	24.556	252	1244512	49.856	ng	99
91) Dibenzo(a,h)anthracene	28.310	278	1308305	51.363	ng	99
92) Benzo(g,h,i)perylene	29.356	276	1264367	50.773	ng	98

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

