

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061923\
 Data File : BG057760.D
 Acq On : 19 Jun 2023 18:17
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 20 03:16:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:06:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	39151	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	172861	20.000	ng	0.00
39) Acenaphthene-d10	14.564	164	123101	20.000	ng	0.00
64) Phenanthrene-d10	17.308	188	283327	20.000	ng	0.00
76) Chrysene-d12	21.562	240	232054	20.000	ng	0.00
86) Perylene-d12	24.711	264	289477	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	372750	146.802	ng	0.00
7) Phenol-d6	7.096	99	577214	148.984	ng	0.00
23) Nitrobenzene-d5	9.094	82	542584	161.097	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	270798	157.919	ng	0.00
45) 2-Fluorobiphenyl	13.189	172	1154018	142.188	ng	0.00
79) Terphenyl-d14	19.923	244	1716016	137.890	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.407	88	82360	71.257	ng	99
3) Pyridine	3.800	79	266127m	75.582	ng	
4) n-Nitrosodimethylamine	3.718	42	121735	75.682	ng	97
6) Aniline	7.261	93	369824	74.550	ng	100
8) 2-Chlorophenol	7.496	128	193772	74.181	ng	98
10) Phenol	7.120	94	282194	73.976	ng	99
11) bis(2-Chloroethyl)ether	7.355	93	215969	73.637	ng	98
12) 1,3-Dichlorobenzene	7.819	146	191701	72.113	ng	97
13) 1,4-Dichlorobenzene	7.966	146	197690	73.393	ng	95
14) 1,2-Dichlorobenzene	8.283	146	188385	72.279	ng	94
15) Benzyl Alcohol	8.172	79	229879	77.598	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.460	45	413152m	73.274	ng	
17) 2-Methylphenol	8.366	107	212938	75.895	ng	97
18) Hexachloroethane	9.012	117	70521	74.250	ng	96
19) n-Nitroso-di-n-propyla...	8.742	70	201398	74.562	ng	99
20) 3+4-Methylphenols	8.700	107	296875	76.602	ng	98
22) Acetophenone	8.753	105	359807	74.227	ng	# 97
24) Nitrobenzene	9.141	77	277702	79.222	ng	98
25) Isophorone	9.664	82	590027	76.678	ng	99
27) 2,4-Dimethylphenol	9.905	122	212827	77.082	ng	99
28) bis(2-Chloroethoxy)met...	10.146	93	314713	75.946	ng	99
29) 2,4-Dichlorophenol	10.375	162	210225	80.179	ng	99
30) 1,2,4-Trichlorobenzene	10.592	180	222555	76.151	ng	98
31) Naphthalene	10.786	128	685867	74.550	ng	99
32) Benzoic acid	10.087	122	185296	90.605	ng	99
33) 4-Chloroaniline	10.892	127	331962	77.873	ng	99
34) Hexachlorobutadiene	11.068	225	137184	76.938	ng	98
35) Caprolactam	11.697	113	82988	78.000	ng	97
36) 4-Chloro-3-methylphenol	12.014	107	271369	79.249	ng	99
37) 2-Methylnaphthalene	12.390	142	502877	74.989	ng	99
38) 1-Methylnaphthalene	12.613	142	473378	74.779	ng	98
40) 1,2,4,5-Tetrachloroben...	12.760	216	260582	76.357	ng	99
41) Hexachlorocyclopentadiene	12.737	237	151893	83.835	ng	100
43) 2,4,6-Trichlorophenol	12.995	196	198816	81.362	ng	98
44) 2,4,5-Trichlorophenol	13.066	196	229402	80.538	ng	96
46) 1,1'-Biphenyl	13.401	154	628758	74.387	ng	96

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47) 2-Chloronaphthalene	13.442	162	487216	75.030	ng	100
48) 2-Nitroaniline	13.648	65	206396	89.441	ng	96
49) Acenaphthylene	14.288	152	824626	73.985	ng	99
50) Dimethylphthalate	14.029	163	696116	73.625	ng	99
51) 2,6-Dinitrotoluene	14.141	165	147895	84.944	ng	98
52) Acenaphthene	14.629	154	526775m	76.343	ng	
53) 3-Nitroaniline	14.476	138	163027	83.088	ng	97
54) 2,4-Dinitrophenol	14.670	184	75111	80.992	ng	95
55) Dibenzofuran	14.964	168	805998	72.646	ng	98
56) 4-Nitrophenol	14.776	139	130820	83.895	ng	96
57) 2,4-Dinitrotoluene	14.928	165	207948	88.074	ng	97
58) Fluorene	15.610	166	618968	70.478	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.187	232	194519	80.133	ng	99
60) Diethylphthalate	15.387	149	706471	72.833	ng	98
61) 4-Chlorophenyl-phenyle...	15.604	204	343806	73.623	ng	97
62) 4-Nitroaniline	15.639	138	161174	80.574	ng	95
63) Azobenzene	15.898	77	723294	72.897	ng	98
65) 4,6-Dinitro-2-methylph...	15.686	198	110644	80.913	ng	97
66) n-Nitrosodiphenylamine	15.821	169	570255	76.259	ng	98
67) 4-Bromophenyl-phenylether	16.497	248	234897	78.175	ng	96
68) Hexachlorobenzene	16.615	284	238199	77.762	ng	96
69) Atrazine	16.767	200	188089	73.273	ng	96
70) Pentachlorophenol	16.955	266	189422	83.704	ng	97
71) Phenanthrene	17.349	178	997417	72.707	ng	100
72) Anthracene	17.443	178	1026612	73.287	ng	98
73) Carbazole	17.708	167	938465	72.660	ng	99
74) Di-n-butylphthalate	18.272	149	1137855	74.403	ng	98
75) Fluoranthene	19.359	202	1179408	72.168	ng	99
77) Benzidine	19.541	184	389856	71.670	ng	99
78) Pyrene	19.723	202	1202112	72.619	ng	98
80) Butylbenzylphthalate	20.610	149	507886	80.654	ng	99
81) Benzo(a)anthracene	21.544	228	1186217	74.506	ng	99
82) 3,3'-Dichlorobenzidine	21.462	252	397049	73.323	ng	99
83) Chrysene	21.609	228	1134878	74.276	ng	98
84) Bis(2-ethylhexyl)phtha...	21.456	149	686748	75.114	ng	98
85) Di-n-octyl phthalate	22.649	149	1274451	79.474	ng	99
87) Indeno(1,2,3-cd)pyrene	28.319	276	1481909	78.299	ng	100
88) Benzo(b)fluoranthene	23.718	252	1207910	76.146	ng	97
89) Benzo(k)fluoranthene	23.789	252	1198456	74.180	ng	98
90) Benzo(a)pyrene	24.570	252	1189409	76.347	ng	99
91) Dibenzo(a,h)anthracene	28.383	278	1213531	77.278	ng	99
92) Benzo(g,h,i)perylene	29.453	276	1226027	77.973	ng	98

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

