

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041823\
 Data File : BG057134.D
 Acq On : 18 Apr 2023 21:50
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG041823

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/19/2023
 Supervised By :Jagrut Upadhyay 04/19/2023

Quant Time: Apr 19 04:27:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 19 04:21:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.393	152	9220	20.000	ng	# 0.00
21) Naphthalene-d8	11.236	136	39041	20.000	ng	# 0.00
39) Acenaphthene-d10	15.008	164	29482	20.000	ng	0.00
64) Phenanthrene-d10	17.745	188	73221	20.000	ng	# 0.00
76) Chrysene-d12	22.063	240	61086	20.000	ng	# 0.00
86) Perylene-d12	25.593	264	69236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.902	112	45112	83.331	ng	0.00
7) Phenol-d6	7.529	99	68647	85.781	ng	0.00
23) Nitrobenzene-d5	9.574	82	74238	83.742	ng	0.00
42) 2,4,6-Tribromophenol	16.494	330	45841	91.651	ng	0.00
45) 2-Fluorobiphenyl	13.633	172	188895	84.412	ng	0.00
79) Terphenyl-d14	20.318	244	356694	88.339	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.711	88	16820	51.022	ng	97
3) Pyridine	4.134	79	31650	46.652	ng	96
4) n-Nitrosodimethylamine	4.040	42	15926	46.919	ng	# 83
6) Aniline	7.706	93	42388	42.145	ng	99
8) 2-Chlorophenol	7.952	128	24086	43.976	ng	95
9) Benzaldehyde	7.518	77	18691	39.242	ng	96
10) Phenol	7.553	94	34182	44.072	ng	98
11) bis(2-Chloroethyl)ether	7.794	93	23538	43.881	ng	97
12) 1,3-Dichlorobenzene	8.287	146	27357	43.200	ng	97
13) 1,4-Dichlorobenzene	8.434	146	27544	42.225	ng	94
14) 1,2-Dichlorobenzene	8.757	146	26465	39.860	ng	95
15) Benzyl Alcohol	8.628	79	28937	41.496	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.916	45	26054	32.512	ng	98
17) 2-Methylphenol	8.828	107	24916	36.608	ng	93
18) Hexachloroethane	9.491	117	9878	36.864	ng	94
19) n-Nitroso-di-n-propyla...	9.198	70	25274	35.195	ng	89
20) 3+4-Methylphenols	9.162	107	36031	36.994	ng	96
22) Acetophenone	9.221	105	44327	41.213	ng	98
24) Nitrobenzene	9.615	77	36522	41.336	ng	98
25) Isophorone	10.138	82	65932	39.521	ng	97
26) 2-Nitrophenol	10.332	139	15905	43.140	ng	# 92
27) 2,4-Dimethylphenol	10.373	122	25589	41.466	ng	91
28) bis(2-Chloroethoxy)met...	10.613	93	32827	38.323	ng	96
29) 2,4-Dichlorophenol	10.872	162	28381	43.519	ng	98
30) 1,2,4-Trichlorobenzene	11.089	180	32472	44.664	ng	98
31) Naphthalene	11.289	128	84507	40.692	ng	98
32) Benzoic acid	10.514	122	15061m	50.550	ng	
33) 4-Chloroaniline	11.383	127	38664	41.053	ng	96
34) Hexachlorobutadiene	11.559	225	24608	46.531	ng	93
35) Caprolactam	12.158	113	8931	40.029	ng	# 86
36) 4-Chloro-3-methylphenol	12.476	107	30491	40.604	ng	99
37) 2-Methylnaphthalene	12.863	142	68162	43.090	ng	98
38) 1-Methylnaphthalene	13.081	142	64081	42.424	ng	# 95
40) 1,2,4,5-Tetrachloroben...	13.222	216	45372	45.723	ng	99
41) Hexachlorocyclopentadiene	13.198	237	24557	53.672	ng	92
43) 2,4,6-Trichlorophenol	13.451	196	28681	43.878	ng	90

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44) 2,4,5-Trichlorophenol	13.527	196	32636	42.736	ng	97
46) 1,1'-Biphenyl	13.850	154	91913	39.862	ng	94
47) 2-Chloronaphthalene	13.897	162	69277	41.802	ng	97
48) 2-Nitroaniline	14.091	65	22285	39.809	ng	98
49) Acenaphthylene	14.737	152	110122	41.201	ng	98
50) Dimethylphthalate	14.444	163	97210	40.779	ng	98
51) 2,6-Dinitrotoluene	14.573	165	21855	43.190	ng	94
52) Acenaphthene	15.072	154	69100	40.664	ng	94
53) 3-Nitroaniline	14.908	138	20535	39.527	ng #	99
54) 2,4-Dinitrophenol	15.113	184	13071	46.137	ng	93
55) Dibenzofuran	15.407	168	117588	43.026	ng	97
56) 4-Nitrophenol	15.201	139	14577	42.134	ng	92
57) 2,4-Dinitrotoluene	15.360	165	30635	42.948	ng #	95
58) Fluorene	16.047	166	96931	40.724	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.624	232	30568	48.353	ng #	89
60) Diethylphthalate	15.789	149	97796	40.347	ng	97
61) 4-Chlorophenyl-phenyle...	16.030	204	59118	42.968	ng	92
62) 4-Nitroaniline	16.065	138	21909	40.698	ng #	83
63) Azobenzene	16.323	77	89962	39.152	ng	91
65) 4,6-Dinitro-2-methylph...	16.124	198	21620	43.591	ng	86
66) n-Nitrosodiphenylamine	16.241	169	82361	37.875	ng	97
67) 4-Bromophenyl-phenylether	16.923	248	39085	42.138	ng	99
68) Hexachlorobenzene	17.052	284	41326	41.765	ng	97
69) Atrazine	17.175	200	33334	40.792	ng	98
70) Pentachlorophenol	17.393	266	23684	45.212	ng	94
71) Phenanthrene	17.792	178	157501	41.477	ng	100
72) Anthracene	17.880	178	158703	40.466	ng	99
73) Carbazole	18.144	167	133179	40.571	ng	98
74) Di-n-butylphthalate	18.667	149	156775	40.756	ng	99
75) Fluoranthene	19.778	202	191492	42.951	ng	98
77) Benzidine	19.942	184	61471	36.656	ng #	97
78) Pyrene	20.142	202	191977	41.978	ng	98
80) Butylbenzylphthalate	20.994	149	61255	36.447	ng	96
81) Benzo(a)anthracene	22.045	228	182148	41.721	ng	99
82) 3,3'-Dichlorobenzidine	21.939	252	62656	42.273	ng #	97
83) Chrysene	22.116	228	172154	42.690	ng	96
84) Bis(2-ethylhexyl)phtha...	21.892	149	87278	37.854	ng	98
85) Di-n-octyl phthalate	23.196	149	145199	37.326	ng	99
87) Indeno(1,2,3-cd)pyrene	29.676	276	310785	60.267	ng #	99
88) Benzo(b)fluoranthene	24.459	252	188604	42.596	ng #	98
89) Benzo(k)fluoranthene	24.536	252	184350	41.152	ng #	96
90) Benzo(a)pyrene	25.429	252	179664	42.031	ng #	95
91) Dibenzo(a,h)anthracene	29.735	278	259463	59.957	ng	98
92) Benzo(g,h,i)perylene	30.957	276	245036	59.314	ng	97

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

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