

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042723\
 Data File : BG057206.D
 Acq On : 27 Apr 2023 22:55
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG042723

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/28/2023
 Supervised By : Jagrut Upadhyay 04/28/2023

Quant Time: Apr 28 04:41:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 04:39:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.378	152	17578	20.000	ng	0.00
21) Naphthalene-d8	11.221	136	68247	20.000	ng	0.00
39) Acenaphthene-d10	14.992	164	54280	20.000	ng	0.00
64) Phenanthrene-d10	17.730	188	135048	20.000	ng	0.00
76) Chrysene-d12	22.041	240	116661	20.000	ng	0.00
86) Perylene-d12	25.549	264	123492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.893	112	81947	79.747	ng	0.00
7) Phenol-d6	7.520	99	126969	81.368	ng	0.00
23) Nitrobenzene-d5	9.558	82	134849	82.930	ng	0.00
42) 2,4,6-Tribromophenol	16.478	330	63765	82.793	ng	0.00
45) 2-Fluorobiphenyl	13.618	172	322786	80.090	ng	0.00
79) Terphenyl-d14	20.297	244	585755	81.939	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.702	88	16567	38.992	ng	96
3) Pyridine	4.125	79	54944	40.239	ng	97
4) n-Nitrosodimethylamine	4.031	42	24985	38.938	ng	99
6) Aniline	7.690	93	80045	40.436	ng	96
8) 2-Chlorophenol	7.943	128	43039	39.637	ng	96
9) Benzaldehyde	7.508	77	33416	40.460	ng	94
10) Phenol	7.549	94	60658	39.877	ng	100
11) bis(2-Chloroethyl)ether	7.778	93	45028	39.256	ng	96
12) 1,3-Dichlorobenzene	8.266	146	47213	39.396	ng	99
13) 1,4-Dichlorobenzene	8.419	146	47770	39.684	ng	99
14) 1,2-Dichlorobenzene	8.742	146	46044	39.622	ng	99
15) Benzyl Alcohol	8.613	79	54153	41.658	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.900	45	56796m	39.286	ng	
17) 2-Methylphenol	8.818	107	44221	40.329	ng	99
18) Hexachloroethane	9.482	117	17281	39.780	ng	97
19) n-Nitroso-di-n-propyla...	9.182	70	47245	39.707	ng	97
20) 3+4-Methylphenols	9.141	107	60812	40.502	ng	94
22) Acetophenone	9.212	105	78801	40.342	ng	# 97
24) Nitrobenzene	9.605	77	67138	40.907	ng	98
25) Isophorone	10.122	82	129679	41.128	ng	99
26) 2-Nitrophenol	10.322	139	27265	43.401	ng	98
27) 2,4-Dimethylphenol	10.363	122	45773	41.611	ng	91
28) bis(2-Chloroethoxy)met...	10.592	93	64346	40.735	ng	99
29) 2,4-Dichlorophenol	10.862	162	49789	42.675	ng	91
30) 1,2,4-Trichlorobenzene	11.080	180	54732	40.672	ng	99
31) Naphthalene	11.274	128	150784	41.327	ng	99
32) Benzoic acid	10.504	122	26242m	42.022	ng	
33) 4-Chloroaniline	11.368	127	68175	41.608	ng	97
34) Hexachlorobutadiene	11.544	225	41092	41.153	ng	99
35) Caprolactam	12.137	113	16960	42.555	ng	99
36) 4-Chloro-3-methylphenol	12.466	107	55867	42.136	ng	97
37) 2-Methylnaphthalene	12.848	142	117232	40.866	ng	99
38) 1-Methylnaphthalene	13.065	142	111544	41.253	ng	99
40) 1,2,4,5-Tetrachloroben...	13.206	216	78042	40.499	ng	99
41) Hexachlorocyclopentadiene	13.183	237	34070	40.184	ng	98
43) 2,4,6-Trichlorophenol	13.441	196	48571	41.373	ng	96

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44) 2,4,5-Trichlorophenol	13.518	196	57750	41.819	ng	99
46) 1,1'-Biphenyl	13.829	154	162787	40.416	ng	97
47) 2-Chloronaphthalene	13.882	162	121440	40.545	ng	98
48) 2-Nitroaniline	14.076	65	43488	42.702	ng	98
49) Acenaphthylene	14.722	152	197193	40.525	ng	100
50) Dimethylphthalate	14.428	163	178773	40.079	ng	99
51) 2,6-Dinitrotoluene	14.557	165	38908	42.722	ng	96
52) Acenaphthene	15.057	154	123075	40.477	ng	99
53) 3-Nitroaniline	14.892	138	36922	40.468	ng	98
54) 2,4-Dinitrophenol	15.098	184	21779	41.159	ng	96
55) Dibenzofuran	15.386	168	205080	40.142	ng	100
56) 4-Nitrophenol	15.192	139	26718	44.030	ng	95
57) 2,4-Dinitrotoluene	15.345	165	54051	41.528	ng	95
58) Fluorene	16.032	166	169460	40.269	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.609	232	51950	41.494	ng	99
60) Diethylphthalate	15.774	149	181550	40.079	ng	98
61) 4-Chlorophenyl-phenyle...	16.008	204	102710	40.515	ng	96
62) 4-Nitroaniline	16.050	138	38019	41.306	ng	98
63) Azobenzene	16.308	77	177247	40.554	ng	99
65) 4,6-Dinitro-2-methylph...	16.108	198	34904	43.290	ng	95
66) n-Nitrosodiphenylamine	16.226	169	148129	40.385	ng	99
67) 4-Bromophenyl-phenylether	16.907	248	65976	40.020	ng	99
68) Hexachlorobenzene	17.036	284	66939	41.783	ng	99
69) Atrazine	17.154	200	57489	41.087	ng	99
70) Pentachlorophenol	17.377	266	39524	42.808	ng	97
71) Phenanthrene	17.771	178	278991	40.316	ng	99
72) Anthracene	17.865	178	287805	40.532	ng	99
73) Carbazole	18.129	167	241740	40.440	ng	98
74) Di-n-butylphthalate	18.646	149	284919	41.426	ng	99
75) Fluoranthene	19.762	202	346140	40.217	ng	99
77) Benzidine	19.927	184	91955	35.257	ng	97
78) Pyrene	20.121	202	349716	41.253	ng	98
80) Butylbenzylphthalate	20.972	149	113014	42.016	ng	99
81) Benzo(a)anthracene	22.018	228	335889	40.412	ng	99
82) 3,3'-Dichlorobenzidine	21.918	252	108937	40.919	ng	99
83) Chrysene	22.088	228	318580	40.737	ng	99
84) Bis(2-ethylhexyl)phtha...	21.865	149	164849	41.423	ng	99
85) Di-n-octyl phthalate	23.169	149	278068	41.911	ng	100
87) Indeno(1,2,3-cd)pyrene	29.602	276	368928	40.991	ng	# 95
88) Benzo(b)fluoranthene	24.426	252	326439	40.438	ng	98
89) Benzo(k)fluoranthene	24.503	252	332160	40.492	ng	99
90) Benzo(a)pyrene	25.390	252	319445	40.505	ng	97
91) Dibenzo(a,h)anthracene	29.666	278	302736	40.390	ng	99
92) Benzo(g,h,i)perylene	30.888	276	297946	40.710	ng	97

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

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