

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030922\
 Data File : BG052623.D
 Acq On : 9 Mar 2022 22:16
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG030922

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/10/2022
 Supervised By : Jagrut Upadhyay 03/10/2022

Quant Time: Mar 10 06:39:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 06:37:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.175	152	34768	20.000	ng	0.00
21) Naphthalene-d8	11.013	136	133408	20.000	ng	0.00
39) Acenaphthene-d10	14.825	164	94223	20.000	ng	0.00
64) Phenanthrene-d10	17.574	188	219553	20.000	ng	0.00
76) Chrysene-d12	21.886	240	211057	20.000	ng	0.00
86) Perylene-d12	25.299	264	222010	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	157605	78.310	ng	0.00
7) Phenol-d6	7.323	99	231248	79.390	ng	0.00
23) Nitrobenzene-d5	9.350	82	236408	80.332	ng	0.00
42) 2,4,6-Tribromophenol	16.317	330	110714	82.849	ng	0.00
45) 2-Fluorobiphenyl	13.445	172	551451	78.996	ng	0.00
79) Terphenyl-d14	20.171	244	950475	79.690	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.517	88	34272	37.020	ng	97
3) Pyridine	3.934	79	96496	39.405	ng	98
4) n-Nitrosodimethylamine	3.840	42	44678	38.284	ng	98
6) Aniline	7.482	93	131218	39.927	ng	95
8) 2-Chlorophenol	7.735	128	83458	39.301	ng	98
9) Benzaldehyde	7.294	77	62953	37.774	ng	97
10) Phenol	7.353	94	113405	39.363	ng	97
11) bis(2-Chloroethyl)ether	7.576	93	83704	37.827	ng	97
12) 1,3-Dichlorobenzene	8.064	146	97313	38.452	ng	98
13) 1,4-Dichlorobenzene	8.205	146	98744	38.292	ng	99
14) 1,2-Dichlorobenzene	8.534	146	93898	37.619	ng	99
15) Benzyl Alcohol	8.410	79	90687	40.263	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.698	45	112940	37.843	ng	99
17) 2-Methylphenol	8.616	107	74052	38.851	ng	97
18) Hexachloroethane	9.274	117	33241	38.089	ng	96
19) n-Nitroso-di-n-propyla...	8.980	70	77367	39.250	ng	# 94
20) 3+4-Methylphenols	8.951	107	105323	39.956	ng	95
22) Acetophenone	8.998	105	137136	39.799	ng	98
24) Nitrobenzene	9.391	77	110452	40.133	ng	99
25) Isophorone	9.914	82	200766	41.025	ng	99
26) 2-Nitrophenol	10.108	139	51873	41.520	ng	97
27) 2,4-Dimethylphenol	10.167	122	76244	42.380	ng	96
28) bis(2-Chloroethoxy)met...	10.396	93	118183	40.074	ng	99
29) 2,4-Dichlorophenol	10.660	162	89044	41.599	ng	95
30) 1,2,4-Trichlorobenzene	10.872	180	106693	40.284	ng	95
31) Naphthalene	11.060	128	281464	40.093	ng	99
32) Benzoic acid	10.331	122	30771m	29.443	ng	
33) 4-Chloroaniline	11.165	127	119666	42.130	ng	95
34) Hexachlorobutadiene	11.347	225	68751	39.730	ng	96
35) Caprolactam	11.935	113	31613	43.992	ng	# 89
36) 4-Chloro-3-methylphenol	12.281	107	97070	41.405	ng	99
37) 2-Methylnaphthalene	12.657	142	207399	40.891	ng	98
38) 1-Methylnaphthalene	12.881	142	203251	40.810	ng	99
40) 1,2,4,5-Tetrachloroben...	13.027	216	124805	39.600	ng	98
41) Hexachlorocyclopentadiene	13.010	237	59226	41.907	ng	89
43) 2,4,6-Trichlorophenol	13.262	196	83386	42.931	ng	97

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44) 2,4,5-Trichlorophenol	13.345	196	85576	40.678	ng	98
46) 1,1'-Biphenyl	13.656	154	280188	39.757	ng	100
47) 2-Chloronaphthalene	13.709	162	216952	39.578	ng	96
48) 2-Nitroaniline	13.903	65	71661	40.605	ng	93
49) Acenaphthylene	14.549	152	347563	40.038	ng	98
50) Dimethylphthalate	14.267	163	285708	39.917	ng	99
51) 2,6-Dinitrotoluene	14.390	165	62491	39.947	ng	95
52) Acenaphthene	14.890	154	210143	39.923	ng	98
53) 3-Nitroaniline	14.725	138	66076	41.045	ng	99
54) 2,4-Dinitrophenol	14.937	184	33365	39.963	ng	96
55) Dibenzofuran	15.225	168	355202	39.794	ng	98
56) 4-Nitrophenol	15.037	139	48619	43.296	ng	96
57) 2,4-Dinitrotoluene	15.183	165	90922	41.297	ng	93
58) Fluorene	15.871	166	285555	39.389	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.454	232	84128	43.549	ng	99
60) Diethylphthalate	15.624	149	285919	39.801	ng	99
61) 4-Chlorophenyl-phenyle...	15.853	204	160267	39.627	ng	95
62) 4-Nitroaniline	15.888	138	68138	40.052	ng	97
63) Azobenzene	16.147	77	281129	39.627	ng	98
65) 4,6-Dinitro-2-methylph...	15.953	198	59066	42.369	ng	93
66) n-Nitrosodiphenylamine	16.070	169	250943	40.675	ng	99
67) 4-Bromophenyl-phenylether	16.752	248	108876	40.064	ng	97
68) Hexachlorobenzene	16.887	284	117203	40.353	ng	99
69) Atrazine	17.010	200	97276	42.888	ng	96
70) Pentachlorophenol	17.228	266	58168m	41.608	ng	
71) Phenanthrene	17.615	178	458480	39.801	ng	98
72) Anthracene	17.709	178	445777	39.528	ng	99
73) Carbazole	17.974	167	441971	40.043	ng	98
74) Di-n-butylphthalate	18.514	149	487368	40.458	ng	99
75) Fluoranthene	19.624	202	558864	38.855	ng	99
77) Benzidine	19.795	184	168104	38.395	ng	97
78) Pyrene	19.983	202	568420	40.292	ng	98
80) Butylbenzylphthalate	20.852	149	212105	41.344	ng	98
81) Benzo(a)anthracene	21.863	228	567838	40.156	ng	98
82) 3,3'-Dichlorobenzidine	21.763	252	194374	39.572	ng	97
83) Chrysene	21.933	228	527456	39.894	ng	99
84) Bis(2-ethylhexyl)phtha...	21.739	149	295529	41.209	ng	99
85) Di-n-octyl phthalate	23.020	149	496558	41.768	ng	100
87) Indeno(1,2,3-cd)pyrene	29.253	276	643877	40.470	ng	# 96
88) Benzo(b)fluoranthene	24.212	252	554677	40.466	ng	96
89) Benzo(k)fluoranthene	24.289	252	555310	40.283	ng	98
90) Benzo(a)pyrene	25.146	252	473948	40.866	ng	99
91) Dibenzo(a,h)anthracene	29.323	278	532434	40.329	ng	98
92) Benzo(g,h,i)perylene	30.498	276	522314	40.533	ng	96

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

