

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
 Data File : BG053629.D
 Acq On : 19 May 2022 16:54
 Operator : CG/JU
 Sample : N2865-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P018-SS001-0006-01MSD

Quant Time: May 20 03:57:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/20/2022
 Supervised By : Jagrut Upadhyay 05/20/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	22948	20.000	ng	0.00
21) Naphthalene-d8	10.884	136	99582	20.000	ng	0.00
39) Acenaphthene-d10	14.702	164	80569	20.000	ng	0.00
64) Phenanthrene-d10	17.446	188	192979	20.000	ng	0.00
76) Chrysene-d12	21.728	240	178233	20.000	ng	0.00
86) Perylene-d12	25.006	264	189761	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.644	112	163921	121.229	ng	0.00
7) Phenol-d6	7.242	99	248364	121.028	ng	0.00
23) Nitrobenzene-d5	9.239	82	171393	73.266	ng	0.00
42) 2,4,6-Tribromophenol	16.194	330	133716	112.527	ng	0.00
45) 2-Fluorobiphenyl	13.322	172	339826	61.634	ng	0.00
79) Terphenyl-d14	20.048	244	655628	68.511	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.517	88	26205	36.937	ng	95
3) Pyridine	3.917	79	62642m	36.155	ng	
4) n-Nitrosodimethylamine	3.829	42	41698	49.405	ng	94
6) Aniline	7.395	93	116364	51.197	ng	98
8) 2-Chlorophenol	7.641	128	77083	54.531	ng	98
9) Benzaldehyde	7.207	77	62513m	47.951	ng	
10) Phenol	7.265	94	107889	53.756	ng	97
11) bis(2-Chloroethyl)ether	7.489	93	72419	48.381	ng	97
12) 1,3-Dichlorobenzene	7.964	146	80077	48.020	ng	94
13) 1,4-Dichlorobenzene	8.111	146	81470	48.414	ng	97
14) 1,2-Dichlorobenzene	8.428	146	78127	49.441	ng	97
15) Benzyl Alcohol	8.311	79	87478	50.988	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.599	45	116883	47.977	ng	98
17) 2-Methylphenol	8.522	107	72515	53.456	ng	96
18) Hexachloroethane	9.157	117	30751	48.121	ng	97
19) n-Nitroso-di-n-propyla...	8.875	70	70893	48.149	ng	98
20) 3+4-Methylphenols	8.851	107	101191	52.818	ng	99
22) Acetophenone	8.898	105	125901	46.195	ng	97
24) Nitrobenzene	9.280	77	109691	48.446	ng	99
25) Isophorone	9.803	82	198866	50.512	ng	99
26) 2-Nitrophenol	9.997	139	45679	49.812	ng	95
27) 2,4-Dimethylphenol	10.056	122	80030	57.989	ng	98
28) bis(2-Chloroethoxy)met...	10.279	93	106014	46.820	ng	97
29) 2,4-Dichlorophenol	10.537	162	88218	52.964	ng	93
30) 1,2,4-Trichlorobenzene	10.749	180	89439	47.261	ng	96
31) Naphthalene	10.937	128	240061	47.392	ng	99
32) Benzoic acid	10.226	122	39718m	46.387	ng	
33) 4-Chloroaniline	11.048	127	60500	28.519	ng	97
34) Hexachlorobutadiene	11.219	225	64396	45.889	ng	94
35) Caprolactam	11.818	113	30884m	51.024	ng	
36) 4-Chloro-3-methylphenol	12.170	107	101841	51.115	ng	95
37) 2-Methylnaphthalene	12.535	142	177369	46.920	ng	99
38) 1-Methylnaphthalene	12.752	142	173687m	47.092	ng	
40) 1,2,4,5-Tetrachloroben...	12.905	216	117784	46.378	ng	99
41) Hexachlorocyclopentadiene	12.881	237	120141	112.148	ng	97
43) 2,4,6-Trichlorophenol	13.146	196	81764	49.322	ng	95

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44) 2,4,5-Trichlorophenol	13.228	196	87905	49.823	ng	98
46) 1,1'-Biphenyl	13.533	154	256579	46.720	ng	99
47) 2-Chloronaphthalene	13.586	162	199128	46.279	ng	98
48) 2-Nitroaniline	13.786	65	79077	49.322	ng	99
49) Acenaphthylene	14.426	152	340269	49.558	ng	99
50) Dimethylphthalate	14.150	163	280957	45.889	ng	99
51) 2,6-Dinitrotoluene	14.273	165	60961	48.873	ng	98
52) Acenaphthene	14.767	154	191749	46.861	ng	98
53) 3-Nitroaniline	14.608	138	48184	35.752	ng	97
54) 2,4-Dinitrophenol	14.820	184	70326	88.132	ng	94
55) Dibenzofuran	15.102	168	333969	45.440	ng	99
56) 4-Nitrophenol	14.931	139	96039	99.768	ng	89
57) 2,4-Dinitrotoluene	15.067	165	90241	49.911	ng	89
58) Fluorene	15.748	166	275661	46.738	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.331	232	88403	49.384	ng	98
60) Diethylphthalate	15.507	149	288192	45.569	ng	99
61) 4-Chlorophenyl-phenyle...	15.736	204	153183	46.543	ng	98
62) 4-Nitroaniline	15.771	138	64135	45.880	ng	98
63) Azobenzene	16.030	77	294458	45.468	ng	99
65) 4,6-Dinitro-2-methylph...	15.836	198	54839	47.690	ng	99
66) n-Nitrosodiphenylamine	15.954	169	247488	48.846	ng	99
67) 4-Bromophenyl-phenylether	16.629	248	110616	49.080	ng	94
68) Hexachlorobenzene	16.758	284	119666	48.481	ng	98
69) Atrazine	16.893	200	105263	49.350	ng	96
70) Pentachlorophenol	17.105	266	124373	92.777	ng	94
71) Phenanthrene	17.493	178	468489	47.744	ng	98
72) Anthracene	17.581	178	475797	49.331	ng	98
73) Carbazole	17.851	167	429075	45.392	ng	99
74) Di-n-butylphthalate	18.397	149	499722	47.006	ng	99
75) Fluoranthene	19.502	202	581949	45.803	ng	99
77) Benzidine	19.672	184	376799	98.084	ng	99
78) Pyrene	19.860	202	575900	49.914	ng	99
80) Butylbenzylphthalate	20.735	149	209131	49.430	ng	98
81) Benzo(a)anthracene	21.710	228	557421	49.034	ng	98
82) 3,3'-Dichlorobenzidine	21.616	252	129723	44.999	ng	98
83) Chrysene	21.775	228	504341	47.502	ng	97
84) Bis(2-ethylhexyl)phtha...	21.599	149	298179	51.061	ng	97
85) Di-n-octyl phthalate	22.821	149	504244	51.064	ng	100
87) Indeno(1,2,3-cd)pyrene	28.760	276	619299	46.858	ng	100
88) Benzo(b)fluoranthene	23.960	252	566053	50.395	ng	99
89) Benzo(k)fluoranthene	24.031	252	546056	49.473	ng	99
90) Benzo(a)pyrene	24.853	252	546129	57.125	ng	99
91) Dibenzo(a,h)anthracene	28.813	278	540552	49.636	ng	97
92) Benzo(g,h,i)perylene	29.935	276	536658	49.714	ng	97

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

