

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060322\
 Data File : BG053817.D
 Acq On : 3 Jun 2022 17:38
 Operator : CG/JU
 Sample : N3170-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20220424-AMENDED-COMPOSITE-DMSD

Quant Time: Jun 04 03:06:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	28985	20.000	ng	0.00
21) Naphthalene-d8	10.902	136	115123	20.000	ng	0.00
39) Acenaphthene-d10	14.715	164	75935	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	172183	20.000	ng	0.00
76) Chrysene-d12	21.736	240	174114	20.000	ng	# 0.00
86) Perylene-d12	25.009	264	185238	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	14945	9.468	ng	0.00
7) Phenol-d6	7.242	99	70527	32.986	ng	0.00
23) Nitrobenzene-d5	9.251	82	138158	78.808	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	2205	2.392	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	308028	60.685	ng	0.00
79) Terphenyl-d14	20.062	244	516282	58.990	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.552	88	27403	35.905	ng	# 88
3) Pyridine	3.946	79	69242	37.429	ng	88
4) n-Nitrosodimethylamine	3.857	42	43575	52.168	ng	94
6) Aniline	7.412	93	110185	42.342	ng	99
8) 2-Chlorophenol	7.659	128	86654	53.631	ng	94
9) Benzaldehyde	7.224	77	57561	40.374	ng	# 76
10) Phenol	7.271	94	110588	50.055	ng	95
11) bis(2-Chloroethyl)ether	7.506	93	82326	47.375	ng	97
12) 1,3-Dichlorobenzene	7.982	146	98739	48.022	ng	93
13) 1,4-Dichlorobenzene	8.129	146	100824	48.218	ng	97
14) 1,2-Dichlorobenzene	8.446	146	96140	47.993	ng	98
15) Benzyl Alcohol	8.323	79	83219	51.999	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.622	45	137268	45.023	ng	99
17) 2-Methylphenol	8.528	107	74369	49.245	ng	90
18) Hexachloroethane	9.186	117	34067	49.240	ng	# 82
19) n-Nitroso-di-n-propyla...	8.899	70	69588	45.953	ng	94
20) 3+4-Methylphenols	8.857	107	101630	49.532	ng	95
22) Acetophenone	8.910	105	131736	46.341	ng	# 98
24) Nitrobenzene	9.292	77	98142	50.221	ng	# 88
25) Isophorone	9.821	82	186828	47.547	ng	96
26) 2-Nitrophenol	10.009	139	43545	67.394	ng	# 82
27) 2,4-Dimethylphenol	10.062	122	82928	58.707	ng	92
28) bis(2-Chloroethoxy)met...	10.297	93	110211	51.616	ng	98
29) 2,4-Dichlorophenol	10.544	162	94882	55.926	ng	92
30) 1,2,4-Trichlorobenzene	10.767	180	105151	48.969	ng	97
31) Naphthalene	10.955	128	268570	45.582	ng	100
32) Benzoic acid	10.191	122	49862	53.924	ng	# 81
33) 4-Chloroaniline	11.049	127	88162	36.091	ng	95
34) Hexachlorobutadiene	11.249	225	75657	49.732	ng	97
35) Caprolactam	11.830	113	25318	52.214	ng	91
36) 4-Chloro-3-methylphenol	12.165	107	90839	50.308	ng	# 85
37) 2-Methylnaphthalene	12.553	142	191706	44.851	ng	97
38) 1-Methylnaphthalene	12.770	142	182454	43.650	ng	95
40) 1,2,4,5-Tetrachloroben...	12.917	216	133276	52.267	ng	97
41) Hexachlorocyclopentadiene	12.906	237	49994	38.571	ng	99
43) 2,4,6-Trichlorophenol	13.152	196	80544	58.243	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.223	196	86496	56.215	ng	94
46) 1,1'-Biphenyl	13.552	154	263142	48.623	ng	99
47) 2-Chloronaphthalene	13.599	162	206132	48.959	ng	97
48) 2-Nitroaniline	13.787	65	60645	55.715	ng	92
49) Acenaphthylene	14.439	152	334603	49.539	ng	99
50) Dimethylphthalate	14.169	163	257884	46.341	ng	99
51) 2,6-Dinitrotoluene	14.280	165	54414	54.013	ng	# 79
52) Acenaphthene	14.780	154	203846	47.503	ng	98
53) 3-Nitroaniline	14.604	138	48659	45.143	ng	91
54) 2,4-Dinitrophenol	14.809	184	28530	59.038	ng	# 86
55) Dibenzofuran	15.115	168	317538	46.418	ng	95
56) 4-Nitrophenol	14.909	139	87229	97.243	ng	# 89
57) 2,4-Dinitrotoluene	15.068	165	75350	54.796	ng	89
58) Fluorene	15.761	166	252112	44.510	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.338	232	80388	48.000	ng	# 95
60) Diethylphthalate	15.526	149	251233	44.577	ng	98
61) 4-Chlorophenyl-phenyle...	15.749	204	144762	47.407	ng	93
62) 4-Nitroaniline	15.767	138	51703	44.413	ng	# 76
63) Azobenzene	16.043	77	225070	42.679	ng	93
65) 4,6-Dinitro-2-methylph...	15.826	198	24429	38.332	ng	89
66) n-Nitrosodiphenylamine	15.961	169	231177	50.490	ng	97
67) 4-Bromophenyl-phenylether	16.648	248	97506	52.120	ng	96
68) Hexachlorobenzene	16.772	284	106175	50.916	ng	94
69) Atrazine	16.913	200	92754	51.740	ng	95
70) Pentachlorophenol	17.107	266	127547	95.191	ng	96
71) Phenanthrene	17.500	178	421906	46.553	ng	97
72) Anthracene	17.594	178	428054	48.259	ng	100
73) Carbazole	17.853	167	378900	47.324	ng	99
74) Di-n-butylphthalate	18.417	149	427736	46.459	ng	98
75) Fluoranthene	19.510	202	520015	44.238	ng	97
77) Benzidine	19.680	184	295949	69.511	ng	98
78) Pyrene	19.868	202	530288	47.891	ng	98
80) Butylbenzylphthalate	20.755	149	187608	51.951	ng	93
81) Benzo(a)anthracene	21.719	228	549681	47.553	ng	98
82) 3,3'-Dichlorobenzidine	21.625	252	186120	57.126	ng	96
83) Chrysene	21.783	228	510377	46.777	ng	97
84) Bis(2-ethylhexyl)phtha...	21.631	149	376133	72.432	ng	95
85) Di-n-octyl phthalate	22.865	149	475638	55.077	ng	98
87) Indeno(1,2,3-cd)pyrene	28.746	276	610662	44.725	ng	# 98
88) Benzo(b)fluoranthene	23.969	252	566511	49.261	ng	99
89) Benzo(k)fluoranthene	24.040	252	530373	46.658	ng	97
90) Benzo(a)pyrene	24.856	252	543130	55.844	ng	# 98
91) Dibenzo(a,h)anthracene	28.816	278	540917	47.942	ng	96
92) Benzo(g,h,i)perylene	29.909	276	503550	45.278	ng	94

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

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