

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041122\
 Data File : BG053104.D
 Acq On : 11 Apr 2022 16:56
 Operator : CG/JU
 Sample : N2340-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMPMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/12/2022
 Supervised By : Jagrut Upadhyay 04/13/2022

Quant Time: Apr 12 06:08:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	29645	20.000	ng	0.00
21) Naphthalene-d8	10.930	136	124438	20.000	ng	# 0.00
39) Acenaphthene-d10	14.743	164	97110	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	232783	20.000	ng	0.00
76) Chrysene-d12	21.768	240	228576	20.000	ng	0.00
86) Perylene-d12	25.070	264	239788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	204030	117.978	ng	0.00
7) Phenol-d6	7.282	99	311034	116.627	ng	0.00
23) Nitrobenzene-d5	9.279	82	208687	68.093	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	162986	105.494	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	476030	67.593	ng	0.00
79) Terphenyl-d14	20.088	244	913850	67.523	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.564	88	34556	41.841	ng	# 90
3) Pyridine	3.963	79	85771	39.376	ng	# 85
4) n-Nitrosodimethylamine	3.875	42	50454	46.774	ng	91
6) Aniline	7.441	93	113812	36.823	ng	95
8) 2-Chlorophenol	7.688	128	100924	54.056	ng	94
9) Benzaldehyde	7.253	77	79644m	49.960	ng	
10) Phenol	7.306	94	141955	53.475	ng	88
11) bis(2-Chloroethyl)ether	7.529	93	90645	47.369	ng	90
12) 1,3-Dichlorobenzene	8.011	146	101912	46.974	ng	97
13) 1,4-Dichlorobenzene	8.157	146	102860	46.505	ng	98
14) 1,2-Dichlorobenzene	8.481	146	99106	46.466	ng	98
15) Benzyl Alcohol	8.357	79	119303	50.328	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.645	45	148292	46.417	ng	98
17) 2-Methylphenol	8.563	107	97913	54.505	ng	96
18) Hexachloroethane	9.209	117	39137	47.186	ng	93
19) n-Nitroso-di-n-propyla...	8.921	70	91640	46.936	ng	# 95
20) 3+4-Methylphenols	8.886	107	131928	52.024	ng	95
22) Acetophenone	8.939	105	159823	46.295	ng	96
24) Nitrobenzene	9.326	77	140594	47.164	ng	91
25) Isophorone	9.849	82	257899	49.509	ng	99
26) 2-Nitrophenol	10.037	139	57913	46.460	ng	# 82
27) 2,4-Dimethylphenol	10.096	122	102971	57.679	ng	90
28) bis(2-Chloroethoxy)met...	10.325	93	136009	46.475	ng	98
29) 2,4-Dichlorophenol	10.578	162	112685	50.210	ng	95
30) 1,2,4-Trichlorobenzene	10.795	180	113456	44.666	ng	98
31) Naphthalene	10.983	128	303580	45.727	ng	99
32) Benzoic acid	10.243	122	62801m	53.595	ng	
33) 4-Chloroaniline	11.083	127	58479	20.569	ng	99
34) Hexachlorobutadiene	11.271	225	79639	42.208	ng	96
35) Caprolactam	11.852	113	39910m	50.450	ng	
36) 4-Chloro-3-methylphenol	12.205	107	131422	50.299	ng	93
37) 2-Methylnaphthalene	12.581	142	227279	46.265	ng	95
38) 1-Methylnaphthalene	12.798	142	218412m	45.548	ng	
40) 1,2,4,5-Tetrachloroben...	12.945	216	145681	44.170	ng	97
41) Hexachlorocyclopentadiene	12.927	237	188047	110.447	ng	96
43) 2,4,6-Trichlorophenol	13.186	196	107361	47.212	ng	95

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44) 2,4,5-Trichlorophenol	13.256	196	114647	47.312	ng	98
46) 1,1'-Biphenyl	13.580	154	324743	46.437	ng	97
47) 2-Chloronaphthalene	13.627	162	249328	44.688	ng	95
48) 2-Nitroaniline	13.820	65	99451	46.969	ng	96
49) Acenaphthylene	14.467	152	431466	49.401	ng	97
50) Dimethylphthalate	14.190	163	355416	45.758	ng	98
51) 2,6-Dinitrotoluene	14.308	165	77118	47.592	ng	# 85
52) Acenaphthene	14.807	154	313236m	52.886	ng	
53) 3-Nitroaniline	14.637	138	42064	24.550	ng	88
54) 2,4-Dinitrophenol	14.848	184	103032	99.932	ng	# 86
55) Dibenzofuran	15.142	168	414496	44.693	ng	98
56) 4-Nitrophenol	14.954	139	125940	96.375	ng	# 72
57) 2,4-Dinitrotoluene	15.095	165	109407	47.425	ng	# 84
58) Fluorene	15.788	166	343569	45.867	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.365	232	110344	46.890	ng	98
60) Diethylphthalate	15.547	149	362418	44.533	ng	99
61) 4-Chlorophenyl-phenyle...	15.777	204	190024	44.751	ng	96
62) 4-Nitroaniline	15.806	138	79427	43.930	ng	# 84
63) Azobenzene	16.070	77	366432	44.660	ng	98
65) 4,6-Dinitro-2-methylph...	15.865	198	71721	44.162	ng	96
66) n-Nitrosodiphenylamine	15.988	169	310069	46.320	ng	99
67) 4-Bromophenyl-phenylether	16.669	248	135298	45.360	ng	97
68) Hexachlorobenzene	16.799	284	148972	46.118	ng	95
69) Atrazine	16.934	200	132631	50.722	ng	96
70) Pentachlorophenol	17.139	266	179004	101.397	ng	94
71) Phenanthrene	17.533	178	582032	45.775	ng	97
72) Anthracene	17.621	178	589513	46.799	ng	100
73) Carbazole	17.885	167	539577	44.066	ng	100
74) Di-n-butylphthalate	18.438	149	627660	45.197	ng	98
75) Fluoranthene	19.536	202	746478	45.800	ng	99
77) Benzidine	19.707	184	435401	66.763	ng	98
78) Pyrene	19.895	202	737304	45.291	ng	99
80) Butylbenzylphthalate	20.770	149	273690	45.095	ng	96
81) Benzo(a)anthracene	21.751	228	730797	46.761	ng	99
82) 3,3'-Dichlorobenzidine	21.657	252	134422	23.388	ng	97
83) Chrysene	21.821	228	659593	45.476	ng	99
84) Bis(2-ethylhexyl)phtha...	21.645	149	388035	47.300	ng	99
85) Di-n-octyl phthalate	22.879	149	648902	47.295	ng	97
87) Indeno(1,2,3-cd)pyrene	28.853	276	816413	45.827	ng	99
88) Benzo(b)fluoranthene	24.018	252	746559	49.345	ng	99
89) Benzo(k)fluoranthene	24.095	252	717820	48.276	ng	99
90) Benzo(a)pyrene	24.917	252	712957	55.316	ng	99
91) Dibenzo(a,h)anthracene	28.912	278	698478	47.637	ng	98
92) Benzo(g,h,i)perylene	30.040	276	695748	48.142	ng	98

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

