

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
 Data File : BG057106.D
 Acq On : 14 Apr 2023 19:13
 Operator : CG/JU
 Sample : 02341-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PH1-BOT-1MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/17/2023
 Supervised By : Jagrut Upadhyay 04/17/2023

Quant Time: Apr 15 02:48:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.403	152	18296	20.000	ng	0.00
21) Naphthalene-d8	11.246	136	72699	20.000	ng	0.00
39) Acenaphthene-d10	15.017	164	49094	20.000	ng	0.00
64) Phenanthrene-d10	17.755	188	110989	20.000	ng	# 0.00
76) Chrysene-d12	22.072	240	95434	20.000	ng	# 0.00
86) Perylene-d12	25.609	264	101601	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.918	112	133487	116.768	ng	0.00
7) Phenol-d6	7.539	99	188384	110.181	ng	0.00
23) Nitrobenzene-d5	9.583	82	118766	66.846	ng	0.00
42) 2,4,6-Tribromophenol	16.497	330	83800	106.848	ng	0.00
45) 2-Fluorobiphenyl	13.643	172	249035	68.785	ng	0.00
79) Terphenyl-d14	20.322	244	426762	75.670	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.721	88	20900	41.706	ng	98
3) Pyridine	4.144	79	59587	36.917	ng	96
4) n-Nitrosodimethylamine	4.050	42	29953	40.363	ng	97
6) Aniline	7.715	93	57608	26.356	ng	99
8) 2-Chlorophenol	7.962	128	59738	52.463	ng	92
9) Benzaldehyde	7.527	77	45222	42.169	ng	92
10) Phenol	7.568	94	85259	50.325	ng	90
11) bis(2-Chloroethyl)ether	7.803	93	56854	47.112	ng	97
12) 1,3-Dichlorobenzene	8.291	146	62548	49.713	ng	98
13) 1,4-Dichlorobenzene	8.438	146	64076	50.460	ng	99
14) 1,2-Dichlorobenzene	8.767	146	60028	48.930	ng	97
15) Benzyl Alcohol	8.638	79	60613	42.665	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.920	45	72412	49.789	ng	96
17) 2-Methylphenol	8.837	107	56435	46.692	ng	86
18) Hexachloroethane	9.507	117	23065	49.695	ng	93
19) n-Nitroso-di-n-propyla...	9.201	70	50747	41.496	ng	99
20) 3+4-Methylphenols	9.166	107	75764	44.827	ng	92
22) Acetophenone	9.231	105	92995	42.989	ng	# 93
24) Nitrobenzene	9.624	77	77867	42.867	ng	95
25) Isophorone	10.141	82	132149	39.059	ng	98
26) 2-Nitrophenol	10.341	139	31912	45.514	ng	90
27) 2,4-Dimethylphenol	10.382	122	56091	45.310	ng	92
28) bis(2-Chloroethoxy)met...	10.617	93	74110	43.753	ng	97
29) 2,4-Dichlorophenol	10.882	162	59242	44.498	ng	95
30) 1,2,4-Trichlorobenzene	11.099	180	65425	46.250	ng	94
31) Naphthalene	11.293	128	175553	44.303	ng	98
32) Benzoic acid	10.523	122	35581	41.842	ng	86
33) 4-Chloroaniline	11.393	127	36884	20.609	ng	96
34) Hexachlorobutadiene	11.569	225	44303	41.693	ng	97
35) Caprolactam	12.162	113	18465m	40.217	ng	
36) 4-Chloro-3-methylphenol	12.485	107	62378	41.896	ng	91
37) 2-Methylnaphthalene	12.867	142	126219	40.134	ng	94
38) 1-Methylnaphthalene	13.084	142	117490	39.785	ng	96
40) 1,2,4,5-Tetrachloroben...	13.225	216	79881	46.921	ng	99
41) Hexachlorocyclopentadiene	13.202	237	56587	60.327	ng	99
43) 2,4,6-Trichlorophenol	13.460	196	51579	47.478	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.537	196	56067	43.564	ng	95
46) 1,1'-Biphenyl	13.854	154	173581	48.300	ng	99
47) 2-Chloronaphthalene	13.907	162	133550	50.245	ng	99
48) 2-Nitroaniline	14.101	65	43531	45.802	ng	98
49) Acenaphthylene	14.741	152	206701	47.331	ng	99
50) Dimethylphthalate	14.453	163	166661	43.084	ng	98
51) 2,6-Dinitrotoluene	14.577	165	37359	44.700	ng	96
52) Acenaphthene	15.082	154	141622	47.021	ng	98
53) 3-Nitroaniline	14.911	138	27060	32.710	ng	86
54) 2,4-Dinitrophenol	15.117	184	24648	52.395	ng	95
55) Dibenzofuran	15.411	168	202763	44.854	ng	98
56) 4-Nitrophenol	15.211	139	59886	97.895	ng	# 82
57) 2,4-Dinitrotoluene	15.364	165	52740	44.741	ng	95
58) Fluorene	16.057	166	165281	44.185	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.634	232	49865	42.554	ng	# 96
60) Diethylphthalate	15.798	149	167341	43.152	ng	99
61) 4-Chlorophenyl-phenyle...	16.033	204	93153	42.415	ng	98
62) 4-Nitroaniline	16.075	138	34372	40.102	ng	# 82
63) Azobenzene	16.327	77	180946	46.821	ng	97
65) 4,6-Dinitro-2-methylph...	16.127	198	20197	30.046	ng	97
66) n-Nitrosodiphenylamine	16.251	169	143520	48.170	ng	100
67) 4-Bromophenyl-phenylether	16.926	248	60246	43.870	ng	97
68) Hexachlorobenzene	17.061	284	67065	49.396	ng	97
69) Atrazine	17.179	200	61183	49.470	ng	97
70) Pentachlorophenol	17.402	266	79296	81.409	ng	97
71) Phenanthrene	17.796	178	263538	46.572	ng	99
72) Anthracene	17.890	178	269262	46.417	ng	99
73) Carbazole	18.154	167	237431	46.945	ng	# 92
74) Di-n-butylphthalate	18.671	149	284845	48.636	ng	100
75) Fluoranthene	19.787	202	307339	42.845	ng	99
77) Benzidine	19.952	184	176186	67.542	ng	97
78) Pyrene	20.146	202	311302	47.162	ng	98
80) Butylbenzylphthalate	21.003	149	121399	53.446	ng	93
81) Benzo(a)anthracene	22.049	228	309670	46.891	ng	99
82) 3,3'-Dichlorobenzidine	21.949	252	91852	41.189	ng	99
83) Chrysene	22.125	228	284442	46.001	ng	100
84) Bis(2-ethylhexyl)phtha...	21.896	149	173477	52.743	ng	95
85) Di-n-octyl phthalate	23.212	149	288492	52.049	ng	99
87) Indeno(1,2,3-cd)pyrene	29.691	276	345174	45.969	ng	98
88) Benzo(b)fluoranthene	24.475	252	319006	50.210	ng	97
89) Benzo(k)fluoranthene	24.551	252	310037	48.880	ng	# 97
90) Benzo(a)pyrene	25.438	252	278096	44.543	ng	# 97
91) Dibenzo(a,h)anthracene	29.756	278	295065	47.806	ng	96
92) Benzo(g,h,i)perylene	30.972	276	260073m	43.032	ng	

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

