

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
 Data File : BG059723.D
 Acq On : 16 Nov 2023 18:15
 Operator : MA/JU
 Sample : PB157140BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157140BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 17 02:33:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	32662	20.000	ng	# 0.00
21) Naphthalene-d8	11.187	136	170040	20.000	ng	# 0.00
39) Acenaphthene-d10	14.971	164	119359	20.000	ng	0.00
64) Phenanthrene-d10	17.721	188	308251	20.000	ng	# 0.00
76) Chrysene-d12	22.045	240	261168	20.000	ng	0.00
86) Perylene-d12	25.629	264	277678	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.829	112	282340	145.495	ng	0.00
7) Phenol-d6	7.462	99	407946	141.860	ng	0.00
23) Nitrobenzene-d5	9.542	82	347381	78.024	ng	0.00
42) 2,4,6-Tribromophenol	16.458	330	197661	145.953	ng	0.00
45) 2-Fluorobiphenyl	13.590	172	693913	78.255	ng	0.00
79) Terphenyl-d14	20.294	244	1500241	84.801	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.667	88	22626	24.824	ng	# 80
3) Pyridine	4.084	79	67147	26.973	ng	94
4) n-Nitrosodimethylamine	4.013	42	52034	39.290	ng	# 79
6) Aniline	7.656	93	110732	29.178	ng	92
8) 2-Chlorophenol	7.891	128	103619	49.220	ng	92
9) Benzaldehyde	7.480	77	16126	8.296	ng	# 61
10) Phenol	7.486	94	146532	49.441	ng	93
11) bis(2-Chloroethyl)ether	7.750	93	78160	42.363	ng	91
12) 1,3-Dichlorobenzene	8.214	146	107653m	46.037	ng	
13) 1,4-Dichlorobenzene	8.379	146	106508	45.357	ng	99
14) 1,2-Dichlorobenzene	8.690	146	105640	45.281	ng	94
15) Benzyl Alcohol	8.579	79	158884	48.451	ng	87
16) 2,2'-oxybis(1-Chloropr...	8.843	45	27978	41.217	ng	# 76
17) 2-Methylphenol	8.767	107	107044	49.035	ng	# 83
18) Hexachloroethane	9.431	117	47997	48.157	ng	96
19) n-Nitroso-di-n-propyla...	9.143	70	96422	42.579	ng	97
20) 3+4-Methylphenols	9.096	107	141790	46.787	ng	91
22) Acetophenone	9.184	105	199772	41.498	ng	96
24) Nitrobenzene	9.583	77	170646	41.616	ng	97
25) Isophorone	10.089	82	285422	38.186	ng	99
26) 2-Nitrophenol	10.288	139	65868	43.815	ng	91
27) 2,4-Dimethylphenol	10.312	122	121374	39.709	ng	89
28) bis(2-Chloroethoxy)met...	10.570	93	114001	40.587	ng	97
29) 2,4-Dichlorophenol	10.811	162	112920	43.271	ng	77
30) 1,2,4-Trichlorobenzene	11.029	180	108063	40.973	ng	# 92
31) Naphthalene	11.240	128	346521	40.527	ng	# 94
32) Benzoic acid	10.424	122	90633m	43.570	ng	
33) 4-Chloroaniline	11.358	127	92637	25.472	ng	93
34) Hexachlorobutadiene	11.469	225	74817	41.681	ng	93
35) Caprolactam	12.139	113	42294m	44.345	ng	
36) 4-Chloro-3-methylphenol	12.421	107	163803	47.197	ng	94
37) 2-Methylnaphthalene	12.821	142	277702	38.562	ng	89
38) 1-Methylnaphthalene	13.032	142	258784	38.967	ng	# 91
40) 1,2,4,5-Tetrachloroben...	13.156	216	133801	41.508	ng	98
41) Hexachlorocyclopentadiene	13.109	237	181487	89.756	ng	89
43) 2,4,6-Trichlorophenol	13.402	196	97572m	43.528	ng	

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44) 2,4,5-Trichlorophenol	13.473	196	115241	43.754	ng	# 87
46) 1,1'-Biphenyl	13.808	154	383048	40.886	ng	98
47) 2-Chloronaphthalene	13.861	162	284656	44.219	ng	95
48) 2-Nitroaniline	14.072	65	112718	49.043	ng	90
49) Acenaphthylene	14.701	152	480883	43.810	ng	# 96
50) Dimethylphthalate	14.413	163	418101	45.202	ng	# 98
51) 2,6-Dinitrotoluene	14.554	165	79379	45.237	ng	# 79
52) Acenaphthene	15.036	154	275956	41.804	ng	92
53) 3-Nitroaniline	14.895	138	68070	33.141	ng	95
54) 2,4-Dinitrophenol	15.089	184	118088	90.563	ng	# 74
55) Dibenzofuran	15.365	168	469438	43.132	ng	97
56) 4-Nitrophenol	15.165	139	144230	91.784	ng	91
57) 2,4-Dinitrotoluene	15.330	165	118705	43.989	ng	# 83
58) Fluorene	16.011	166	399374	44.167	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.571	232	109227	47.177	ng	97
60) Diethylphthalate	15.759	149	455143	45.880	ng	98
61) 4-Chlorophenyl-phenyle...	15.994	204	203771	43.782	ng	90
62) 4-Nitroaniline	16.052	138	84194	40.901	ng	95
63) Azobenzene	16.287	77	513218	46.554	ng	95
65) 4,6-Dinitro-2-methylph...	16.082	198	80973	42.984	ng	92
66) n-Nitrosodiphenylamine	16.217	169	372317	41.347	ng	96
67) 4-Bromophenyl-phenylether	16.892	248	139384	42.091	ng	91
68) Hexachlorobenzene	16.981	284	138389	44.775	ng	# 84
69) Atrazine	17.151	200	147907	51.232	ng	98
70) Pentachlorophenol	17.339	266	170192	72.176	ng	89
71) Phenanthrene	17.762	178	678511	43.294	ng	97
72) Anthracene	17.856	178	684742m	42.051	ng	
73) Carbazole	18.132	167	614285	43.181	ng	98
74) Di-n-butylphthalate	18.632	149	759851	44.189	ng	97
75) Fluoranthene	19.754	202	801001	42.619	ng	100
77) Benzidine	19.942	184	155896	26.324	ng	97
78) Pyrene	20.118	202	783765	44.107	ng	97
80) Butylbenzylphthalate	20.976	149	329495	45.221	ng	# 95
81) Benzo(a)anthracene	22.028	228	771704	43.185	ng	95
82) 3,3'-Dichlorobenzidine	21.934	252	252769	37.968	ng	97
83) Chrysene	22.098	228	699197	42.683	ng	96
84) Bis(2-ethylhexyl)phtha...	21.851	149	457690	44.934	ng	# 98
85) Di-n-octyl phthalate	23.191	149	778018	39.677	ng	97
87) Indeno(1,2,3-cd)pyrene	29.783	276	980320	46.658	ng	# 83
88) Benzo(b)fluoranthene	24.472	252	849630	55.826	ng	96
89) Benzo(k)fluoranthene	24.548	252	807663	53.679	ng	# 99
90) Benzo(a)pyrene	25.465	252	737032	45.376	ng	99
91) Dibenzo(a,h)anthracene	29.883	278	856532	48.184	ng	# 97
92) Benzo(g,h,i)perylene	31.111	276	774530	45.920	ng	# 99

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

