

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
 Data File : BG058639.D
 Acq On : 8 Aug 2023 12:16
 Operator : MA/JU
 Sample : PB154550BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154550BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023

Quant Time: Aug 09 04:09:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	33127	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	142138	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	104317	20.000	ng	0.00
64) Phenanthrene-d10	17.208	188	269450	20.000	ng	0.00
76) Chrysene-d12	21.444	240	267127	20.000	ng	0.00
86) Perylene-d12	24.517	264	322488	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	34509	15.922	ng	0.00
7) Phenol-d6	6.984	99	47284	15.679	ng	0.00
23) Nitrobenzene-d5	8.976	82	27356	9.455	ng	0.00
42) 2,4,6-Tribromophenol	15.956	330	23711	13.867	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	73276	10.527	ng	0.00
79) Terphenyl-d14	19.822	244	161116	11.342	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.265	88	6253	5.954	ng	# 93
3) Pyridine	3.670	79	11215	3.917	ng	91
4) n-Nitrosodimethylamine	3.588	42	6731	5.548	ng	# 94
6) Aniline	7.137	93	14750	3.972	ng	98
8) 2-Chlorophenol	7.384	128	11694	5.500	ng	100
9) Benzaldehyde	6.955	77	7377	4.502	ng	95
10) Phenol	7.008	94	17239	5.852	ng	98
11) bis(2-Chloroethyl)ether	7.237	93	12474	5.371	ng	98
12) 1,3-Dichlorobenzene	7.701	146	13455	5.926	ng	92
13) 1,4-Dichlorobenzene	7.848	146	13660	5.992	ng	94
14) 1,2-Dichlorobenzene	8.165	146	12853	5.897	ng	98
15) Benzyl Alcohol	8.059	79	8991	4.701	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.336	45	21823	5.784	ng	99
17) 2-Methylphenol	8.259	107	11395	5.290	ng	94
18) Hexachloroethane	8.894	117	4880	5.889	ng	95
19) n-Nitroso-di-n-propyla...	8.612	70	10193	5.233	ng	# 97
20) 3+4-Methylphenols	8.594	107	15386	5.281	ng	97
22) Acetophenone	8.641	105	19955	5.243	ng	# 97
24) Nitrobenzene	9.023	77	14137	4.806	ng	98
25) Isophorone	9.534	82	28856	4.827	ng	96
26) 2-Nitrophenol	9.734	139	5746	4.488	ng	94
27) 2,4-Dimethylphenol	9.799	122	10313	4.856	ng	98
28) bis(2-Chloroethoxy)met...	10.028	93	16311	5.014	ng	95
29) 2,4-Dichlorophenol	10.286	162	11158	5.060	ng	94
30) 1,2,4-Trichlorobenzene	10.480	180	13396	5.267	ng	99
31) Naphthalene	10.662	128	40648	5.426	ng	99
32) Benzoic acid	9.975	122	3260m	6.382	ng	
33) 4-Chloroaniline	10.797	127	11038	3.487	ng	# 89
34) Hexachlorobutadiene	10.944	225	8787	5.365	ng	98
35) Caprolactam	11.538	113	3185	3.911	ng	93
36) 4-Chloro-3-methylphenol	11.920	107	12937	4.742	ng	90
37) 2-Methylnaphthalene	12.278	142	27066	5.051	ng	91
38) 1-Methylnaphthalene	12.501	142	27284	5.356	ng	98
40) 1,2,4,5-Tetrachloroben...	12.648	216	15855	4.951	ng	99
41) Hexachlorocyclopentadiene	12.625	237	6132	10.584	ng	95
43) 2,4,6-Trichlorophenol	12.901	196	9987	4.534	ng	96

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44) 2,4,5-Trichlorophenol	12.977	196	11108	4.281	ng	91
46) 1,1'-Biphenyl	13.289	154	37795	5.276	ng	97
47) 2-Chloronaphthalene	13.336	162	29523	5.285	ng	99
48) 2-Nitroaniline	13.547	65	9650	4.526	ng	92
49) Acenaphthylene	14.182	152	50185	5.366	ng	97
50) Dimethylphthalate	13.911	163	40908	5.222	ng	99
51) 2,6-Dinitrotoluene	14.035	165	8006	4.657	ng	# 91
52) Acenaphthene	14.522	154	28778	5.326	ng	92
53) 3-Nitroaniline	14.387	138	6345	3.689	ng	88
54) 2,4-Dinitrophenol	14.616	184	2997	10.288	ng	92
55) Dibenzofuran	14.857	168	50289	5.416	ng	99
56) 4-Nitrophenol	14.734	139	7318m	8.829	ng	
57) 2,4-Dinitrotoluene	14.834	165	10851	4.553	ng	# 86
58) Fluorene	15.509	166	40689	5.516	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.092	232	11325	5.115	ng	# 95
60) Diethylphthalate	15.274	149	43088	5.399	ng	98
61) 4-Chlorophenyl-phenyle...	15.504	204	22276	5.417	ng	99
62) 4-Nitroaniline	15.551	138	6976	4.282	ng	87
63) Azobenzene	15.791	77	40377	5.136	ng	99
65) 4,6-Dinitro-2-methylph...	15.609	198	4685	3.153	ng	86
66) n-Nitrosodiphenylamine	15.715	169	34580	4.931	ng	98
67) 4-Bromophenyl-phenylether	16.397	248	14588	4.773	ng	96
68) Hexachlorobenzene	16.514	284	17517	5.409	ng	98
69) Atrazine	16.661	200	14086	5.950	ng	99
70) Pentachlorophenol	16.878	266	8499m	4.336	ng	
71) Phenanthrene	17.249	178	69375	5.429	ng	99
72) Anthracene	17.343	178	68323	5.211	ng	97
73) Carbazole	17.619	167	63702	5.509	ng	97
74) Di-n-butylphthalate	18.165	149	77773	5.370	ng	98
75) Fluoranthene	19.264	202	87321	5.689	ng	99
77) Benzidine	19.458	184	35456	8.753	ng	98
78) Pyrene	19.628	202	94596	5.203	ng	96
80) Butylbenzylphthalate	20.515	149	33399	4.473	ng	99
81) Benzo(a)anthracene	21.426	228	94793	5.156	ng	96
82) 3,3'-Dichlorobenzidine	21.361	252	28590	4.600	ng	96
83) Chrysene	21.491	228	91307	5.180	ng	95
84) Bis(2-ethylhexyl)phtha...	21.332	149	50198	4.600	ng	# 98
85) Di-n-octyl phthalate	22.484	149	87525	4.562	ng	97
87) Indeno(1,2,3-cd)pyrene	28.012	276	109528	5.105	ng	# 86
88) Benzo(b)fluoranthene	23.541	252	94993	5.431	ng	96
89) Benzo(k)fluoranthene	23.600	252	91671m	5.217	ng	
90) Benzo(a)pyrene	24.376	252	82138	4.782	ng	99
91) Dibenzo(a,h)anthracene	28.065	278	89382	5.039	ng	98
92) Benzo(g,h,i)perylene	29.094	276	88262	4.962	ng	97

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

Manual Integrations

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