

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011123\
 Data File : BG056248.D
 Acq On : 11 Jan 2023 13:10
 Operator : CG/JU
 Sample : PB150116BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150116BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/12/2023
 Supervised By : Jagrut Upadhyay 01/12/2023

Quant Time: Jan 12 08:10:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	49526	20.000	ng	0.00
21) Naphthalene-d8	11.149	136	193203	20.000	ng	0.00
39) Acenaphthene-d10	14.932	164	164245	20.000	ng	0.00
64) Phenanthrene-d10	17.665	188	408429	20.000	ng	0.00
76) Chrysene-d12	21.965	240	411974	20.000	ng	0.00
86) Perylene-d12	25.403	264	408783	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.831	112	422993	152.496	ng	0.00
7) Phenol-d6	7.453	99	595461	139.787	ng	0.00
23) Nitrobenzene-d5	9.492	82	304291	80.563	ng	0.00
42) 2,4,6-Tribromophenol	16.413	330	265315	127.547	ng	0.00
45) 2-Fluorobiphenyl	13.558	172	977603	82.192	ng	0.00
79) Terphenyl-d14	20.244	244	1906259	82.874	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.640	88	43041	33.972	ng	92
3) Pyridine	4.063	79	107733	27.919	ng	95
4) n-Nitrosodimethylamine	3.969	42	30828	39.273	ng	73
6) Aniline	7.623	93	128735	23.045	ng	94
8) 2-Chlorophenol	7.876	128	138069	50.021	ng	96
10) Phenol	7.482	94	200195	46.342	ng	96
11) bis(2-Chloroethyl)ether	7.717	93	123641	42.234	ng	98
12) 1,3-Dichlorobenzene	8.205	146	154406	45.963	ng	94
13) 1,4-Dichlorobenzene	8.352	146	153174	45.406	ng	99
14) 1,2-Dichlorobenzene	8.675	146	151332	46.492	ng	98
15) Benzyl Alcohol	8.546	79	129780	41.861	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.834	45	25755m	49.784	ng	
17) 2-Methylphenol	8.746	107	137324	43.321	ng	97
18) Hexachloroethane	9.415	117	47872	46.713	ng	93
19) n-Nitroso-di-n-propyla...	9.122	70	97277	37.554	ng	98
20) 3+4-Methylphenols	9.075	107	189906	42.612	ng	95
22) Acetophenone	9.145	105	221804	40.602	ng	98
24) Nitrobenzene	9.533	77	150530	40.215	ng	99
25) Isophorone	10.056	82	295511	37.185	ng	96
26) 2-Nitrophenol	10.250	139	83969	43.844	ng	97
27) 2,4-Dimethylphenol	10.297	122	151311	43.317	ng	98
28) bis(2-Chloroethoxy)met...	10.532	93	170674	41.321	ng	97
29) 2,4-Dichlorophenol	10.784	162	172830	44.754	ng	97
30) 1,2,4-Trichlorobenzene	11.008	180	187083	42.690	ng	96
31) Naphthalene	11.201	128	425278	41.825	ng	99
32) Benzoic acid	10.420	122	99219m	38.283	ng	
33) 4-Chloroaniline	11.296	127	71026	14.631	ng	97
34) Hexachlorobutadiene	11.478	225	135887	43.113	ng	98
35) Caprolactam	12.065	113	54112m	41.386	ng	
36) 4-Chloro-3-methylphenol	12.394	107	166003	42.362	ng	98
37) 2-Methylnaphthalene	12.782	142	335509	39.079	ng	99
38) 1-Methylnaphthalene	12.999	142	315701	39.598	ng	99
40) 1,2,4,5-Tetrachloroben...	13.140	216	252238	40.975	ng	98
41) Hexachlorocyclopentadiene	13.117	237	339584	96.758	ng	96
43) 2,4,6-Trichlorophenol	13.370	196	170658	41.925	ng	96
44) 2,4,5-Trichlorophenol	13.446	196	186410	38.713	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.769	154	488758	41.552	ng	98
47) 2-Chloronaphthalene	13.816	162	392428	42.267	ng	99
48) 2-Nitroaniline	14.010	65	82447	41.678	ng	94
49) Acenaphthylene	14.656	152	604603	40.016	ng	100
50) Dimethylphthalate	14.368	163	524452	39.555	ng	99
51) 2,6-Dinitrotoluene	14.492	165	114976	40.696	ng	98
52) Acenaphthene	14.997	154	457926m	46.600	ng	
53) 3-Nitroaniline	14.827	138	59394	22.090	ng	98
54) 2,4-Dinitrophenol	15.032	184	176568	87.483	ng	97
55) Dibenzofuran	15.326	168	652748	40.141	ng	99
56) 4-Nitrophenol	15.120	139	175444	84.841	ng	93
57) 2,4-Dinitrotoluene	15.279	165	166635	42.174	ng	92
58) Fluorene	15.972	166	518491	39.642	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.543	232	187496m	41.471	ng	
60) Diethylphthalate	15.720	149	493592	39.696	ng	100
61) 4-Chlorophenyl-phenyle...	15.955	204	327665	40.144	ng	99
62) 4-Nitroaniline	15.984	138	103414	37.547	ng	96
63) Azobenzene	16.249	77	376125	39.199	ng	98
65) 4,6-Dinitro-2-methylph...	16.037	198	118661	43.122	ng	93
66) n-Nitrosodiphenylamine	16.166	169	482390	42.569	ng	98
67) 4-Bromophenyl-phenylether	16.848	248	219226	42.151	ng	98
68) Hexachlorobenzene	16.971	284	220047	45.348	ng	97
69) Atrazine	17.095	200	147801	31.471	ng	99
70) Pentachlorophenol	17.312	266	288091	77.289	ng	99
71) Phenanthrene	17.712	178	902605	42.644	ng	99
72) Anthracene	17.800	178	903986	41.402	ng	99
73) Carbazole	18.064	167	785587	42.804	ng	97
74) Di-n-butylphthalate	18.593	149	793028	43.346	ng	100
75) Fluoranthene	19.697	202	1151059	41.691	ng	99
77) Benzidine	19.862	184	225154	15.595	ng	99
78) Pyrene	20.062	202	1159556	39.933	ng	99
80) Butylbenzylphthalate	20.920	149	344808	41.390	ng	97
81) Benzo(a)anthracene	21.942	228	1177414	40.690	ng	99
82) 3,3'-Dichlorobenzidine	21.842	252	340804	32.718	ng	97
83) Chrysene	22.012	228	1095427	40.415	ng	99
84) Bis(2-ethylhexyl)phtha...	21.807	149	504509	42.035	ng	99
85) Di-n-octyl phthalate	23.093	149	854598	42.178	ng	100
87) Indeno(1,2,3-cd)pyrene	29.363	276	1353877	45.540	ng	99
88) Benzo(b)fluoranthene	24.304	252	1240802	47.774	ng	99
89) Benzo(k)fluoranthene	24.380	252	1213789	46.931	ng	100
90) Benzo(a)pyrene	25.244	252	1087476	42.928	ng	99
91) Dibenzo(a,h)anthracene	29.439	278	1160501	46.560	ng	97
92) Benzo(g,h,i)perylene	30.620	276	1111844	45.999	ng	99

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

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