

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
 Data File : BG057096.D
 Acq On : 14 Apr 2023 11:51
 Operator : CG/JU
 Sample : PB152103BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB152103BS

Manual Integrations

APPROVED

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

Quant Time: Apr 14 13:36:33 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	8.402	152	13899	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	58616	20.000	ng	# 0.00
39) Acenaphthene-d10	15.016	164	44212	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	110672	20.000	ng	# 0.00
76) Chrysene-d12	22.072	240	94927	20.000	ng	# 0.00
86) Perylene-d12	25.602	264	104071	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.911	112	140989	162.347	ng	0.00
7) Phenol-d6	7.538	99	201854	155.408	ng	0.00
23) Nitrobenzene-d5	9.583	82	125014	87.268	ng	0.00
42) 2,4,6-Tribromophenol	16.497	330	106665	151.019	ng	0.00
45) 2-Fluorobiphenyl	13.642	172	294282	90.258	ng	0.00
79) Terphenyl-d14	20.321	244	583569	104.026	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.714	88	12840	33.728	ng	96
3) Pyridine	4.137	79	39610	32.304	ng	92
4) n-Nitrosodimethylamine	4.043	42	21421	37.997	ng	# 91
6) Aniline	7.715	93	60603	36.497	ng	98
8) 2-Chlorophenol	7.961	128	44363	51.286	ng	95
9) Benzaldehyde	7.521	77	28959	35.547	ng	92
10) Phenol	7.562	94	66536	51.698	ng	100
11) bis(2-Chloroethyl)ether	7.797	93	43117	47.032	ng	99
12) 1,3-Dichlorobenzene	8.290	146	45341	47.438	ng	99
13) 1,4-Dichlorobenzene	8.437	146	45792	47.469	ng	99
14) 1,2-Dichlorobenzene	8.760	146	43564	46.743	ng	94
15) Benzyl Alcohol	8.631	79	48916	45.324	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.919	45	57039m	51.626	ng	
17) 2-Methylphenol	8.837	107	43358	47.221	ng	90
18) Hexachloroethane	9.506	117	16750	47.506	ng	93
19) n-Nitroso-di-n-propyla...	9.207	70	40688	43.796	ng	# 97
20) 3+4-Methylphenols	9.166	107	61244	47.700	ng	90
22) Acetophenone	9.230	105	73968	42.408	ng	# 95
24) Nitrobenzene	9.624	77	59769	40.809	ng	96
25) Isophorone	10.147	82	110394	40.468	ng	99
26) 2-Nitrophenol	10.340	139	25934	45.875	ng	89
27) 2,4-Dimethylphenol	10.382	122	47373	47.462	ng	94
28) bis(2-Chloroethoxy)met...	10.617	93	59215	43.359	ng	# 91
29) 2,4-Dichlorophenol	10.881	162	48235	44.935	ng	96
30) 1,2,4-Trichlorobenzene	11.098	180	48663	42.666	ng	89
31) Naphthalene	11.292	128	135533	42.421	ng	99
32) Benzoic acid	10.523	122	28952m	42.227	ng	
33) 4-Chloroaniline	11.392	127	38775	26.871	ng	97
34) Hexachlorobutadiene	11.568	225	33560	39.171	ng	98
35) Caprolactam	12.156	113	16238m	43.863	ng	
36) 4-Chloro-3-methylphenol	12.485	107	53946	44.938	ng	98
37) 2-Methylnaphthalene	12.872	142	101817	40.153	ng	94
38) 1-Methylnaphthalene	13.084	142	96597	40.569	ng	92
40) 1,2,4,5-Tetrachloroben...	13.231	216	67096	43.764	ng	# 98
41) Hexachlorocyclopentadiene	13.207	237	91568	108.400	ng	97
43) 2,4,6-Trichlorophenol	13.460	196	45757	46.769	ng	99

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44) 2,4,5-Trichlorophenol	13.530	196	48014	41.426	ng	92
46) 1,1'-Biphenyl	13.853	154	149798	46.285	ng	99
47) 2-Chloronaphthalene	13.906	162	114816	47.967	ng	96
48) 2-Nitroaniline	14.100	65	39517	46.170	ng	98
49) Acenaphthylene	14.746	152	180200	45.819	ng	98
50) Dimethylphthalate	14.453	163	157937	45.337	ng	99
51) 2,6-Dinitrotoluene	14.582	165	35333	46.944	ng	88
52) Acenaphthene	15.081	154	142064m	52.376	ng	
53) 3-Nitroaniline	14.911	138	23695	31.805	ng	97
54) 2,4-Dinitrophenol	15.116	184	45203	106.700	ng	99
55) Dibenzofuran	15.410	168	182554	44.843	ng	97
56) 4-Nitrophenol	15.210	139	54905	99.664	ng	90
57) 2,4-Dinitrotoluene	15.363	165	49959	47.062	ng	# 98
58) Fluorene	16.056	166	153100	45.448	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.627	232	47331	44.851	ng	# 94
60) Diethylphthalate	15.798	149	163341	46.772	ng	98
61) 4-Chlorophenyl-phenyle...	16.033	204	86565	43.767	ng	99
62) 4-Nitroaniline	16.074	138	36295	47.022	ng	86
63) Azobenzene	16.326	77	159317	45.776	ng	95
65) 4,6-Dinitro-2-methylph...	16.127	198	32193	48.029	ng	94
66) n-Nitrosodiphenylamine	16.250	169	133985	45.099	ng	96
67) 4-Bromophenyl-phenylether	16.932	248	58660	42.837	ng	94
68) Hexachlorobenzene	17.061	284	64892	47.932	ng	95
69) Atrazine	17.184	200	55980	45.393	ng	99
70) Pentachlorophenol	17.401	266	74592	76.799	ng	97
71) Phenanthrene	17.795	178	254903	45.175	ng	100
72) Anthracene	17.889	178	258873	44.754	ng	100
73) Carbazole	18.153	167	227966	45.202	ng	95
74) Di-n-butylphthalate	18.670	149	271084	46.419	ng	100
75) Fluoranthene	19.786	202	303334	42.408	ng	98
77) Benzidine	19.951	184	134637	51.890	ng	98
78) Pyrene	20.145	202	310777	47.334	ng	98
80) Butylbenzylphthalate	21.002	149	114326	50.601	ng	97
81) Benzo(a)anthracene	22.048	228	307660	46.836	ng	99
82) 3,3'-Dichlorobenzidine	21.948	252	78929	35.583	ng	98
83) Chrysene	22.124	228	283917	46.161	ng	98
84) Bis(2-ethylhexyl)phtha...	21.901	149	164284	50.215	ng	98
85) Di-n-octyl phthalate	23.211	149	281447	51.049	ng	99
87) Indeno(1,2,3-cd)pyrene	29.685	276	368130	47.863	ng	# 96
88) Benzo(b)fluoranthene	24.474	252	327067m	50.257	ng	
89) Benzo(k)fluoranthene	24.551	252	317018	48.795	ng	# 98
90) Benzo(a)pyrene	25.438	252	281109	43.957	ng	98
91) Dibenzo(a,h)anthracene	29.755	278	309052	48.884	ng	97
92) Benzo(g,h,i)perylene	30.965	276	291568	47.098	ng	98

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

