

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
 Data File : BG060833.D
 Acq On : 8 Apr 2024 19:56
 Operator : MA/JU
 Sample : PB160074BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160074BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/10/2024
 Supervised By :mohammad ahmed 04/10/2024

Quant Time: Apr 09 01:24:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	52202	20.000	ng	-0.01
21) Naphthalene-d8	10.745	136	219008	20.000	ng	-0.01
39) Acenaphthene-d10	14.576	164	175547	20.000	ng	-0.01
64) Phenanthrene-d10	17.326	188	439729	20.000	ng	-0.01
76) Chrysene-d12	21.591	240	424934	20.000	ng	-0.01
86) Perylene-d12	24.717	264	485852	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.533	112	421789	134.603	ng	0.00
7) Phenol-d6	7.114	99	575887	123.808	ng	0.00
23) Nitrobenzene-d5	9.106	82	382602	99.685	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	340346	170.793	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	975606	81.564	ng	-0.01
79) Terphenyl-d14	19.952	244	1973266	81.768	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.454	88	45830	35.672	ng	96
3) Pyridine	3.841	79	124166	32.041	ng	87
4) n-Nitrosodimethylamine	3.753	42	102700	44.335	ng	93
6) Aniline	7.273	93	134605	22.916	ng	96
8) 2-Chlorophenol	7.514	128	168482	47.426	ng	96
9) Benzaldehyde	7.085	77	30365m	11.839	ng	
10) Phenol	7.143	94	214842	45.258	ng	98
11) bis(2-Chloroethyl)ether	7.372	93	149273	38.948	ng	100
12) 1,3-Dichlorobenzene	7.837	146	162524	43.992	ng	100
13) 1,4-Dichlorobenzene	7.984	146	170244	45.169	ng	99
14) 1,2-Dichlorobenzene	8.301	146	166182	44.991	ng	98
15) Benzyl Alcohol	8.183	79	162974	43.255	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.471	45	373187	43.146	ng	100
17) 2-Methylphenol	8.389	107	153065	42.712	ng	98
18) Hexachloroethane	9.029	117	61050	45.607	ng	88
19) n-Nitroso-di-n-propyla...	8.753	70	139922	39.446	ng	99
20) 3+4-Methylphenols	8.712	107	210234	42.841	ng	97
22) Acetophenone	8.765	105	262787	43.516	ng	# 96
24) Nitrobenzene	9.141	77	195521	45.894	ng	99
25) Isophorone	9.670	82	363366	41.104	ng	98
26) 2-Nitrophenol	9.852	139	84455	54.835	ng	88
27) 2,4-Dimethylphenol	9.917	122	128944	36.311	ng	96
28) bis(2-Chloroethoxy)met...	10.152	93	212941	40.800	ng	99
29) 2,4-Dichlorophenol	10.392	162	170684	52.342	ng	95
30) 1,2,4-Trichlorobenzene	10.610	180	176792	47.879	ng	96
31) Naphthalene	10.792	128	505255	42.648	ng	99
32) Benzoic acid	10.052	122	128787	53.582	ng	91
33) 4-Chloroaniline	10.898	127	87816	15.959	ng	96
34) Hexachlorobutadiene	11.086	225	122825	49.911	ng	96
35) Caprolactam	11.662	113	59732m	46.249	ng	
36) 4-Chloro-3-methylphenol	12.026	107	201880	48.462	ng	99
37) 2-Methylnaphthalene	12.402	142	364676	41.869	ng	98
38) 1-Methylnaphthalene	12.619	142	342741	41.655	ng	98
40) 1,2,4,5-Tetrachloroben...	12.772	216	233102	46.188	ng	99
41) Hexachlorocyclopentadiene	12.754	237	273358	106.524	ng	100
43) 2,4,6-Trichlorophenol	13.007	196	167794	51.634	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.078	196	184207	47.499	ng	98
46) 1,1'-Biphenyl	13.412	154	525858	42.410	ng	99
47) 2-Chloronaphthalene	13.454	162	408009	43.309	ng	99
48) 2-Nitroaniline	13.648	65	158946	51.404	ng	98
49) Acenaphthylene	14.300	152	718682	45.402	ng	99
50) Dimethylphthalate	14.035	163	595384	42.909	ng	99
51) 2,6-Dinitrotoluene	14.147	165	122842	49.342	ng	94
52) Acenaphthene	14.640	154	495530m	49.859	ng	
53) 3-Nitroaniline	14.476	138	76848	29.374	ng	99
54) 2,4-Dinitrophenol	14.682	184	160846	166.540	ng	91
55) Dibenzofuran	14.981	168	671088	42.808	ng	99
56) 4-Nitrophenol	14.787	139	230201	113.487	ng	96
57) 2,4-Dinitrotoluene	14.934	165	179898	54.798	ng	94
58) Fluorene	15.628	166	551314	43.819	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.204	232	181444	53.686	ng	# 97
60) Diethylphthalate	15.410	149	597621	42.811	ng	98
61) 4-Chlorophenyl-phenyle...	15.622	204	300212	45.102	ng	95
62) 4-Nitroaniline	15.639	138	133771	52.731	ng	96
63) Azobenzene	15.915	77	573122	42.132	ng	97
65) 4,6-Dinitro-2-methylph...	15.698	198	113685	60.500	ng	96
66) n-Nitrosodiphenylamine	15.839	169	525857	41.848	ng	99
67) 4-Bromophenyl-phenylether	16.521	248	212365	47.587	ng	98
68) Hexachlorobenzene	16.632	284	240603	47.760	ng	97
69) Atrazine	16.791	200	210046	47.800	ng	98
70) Pentachlorophenol	16.973	266	337649	102.718	ng	97
71) Phenanthrene	17.367	178	986827	43.151	ng	99
72) Anthracene	17.461	178	1006017	43.315	ng	100
73) Carbazole	17.725	167	897718	43.839	ng	99
74) Di-n-butylphthalate	18.307	149	1056617	41.388	ng	99
75) Fluoranthene	19.382	202	1222242	44.043	ng	98
77) Benzidine	19.558	184	333430	29.799	ng	98
78) Pyrene	19.740	202	1268085	42.669	ng	100
80) Butylbenzylphthalate	20.645	149	466385	43.020	ng	99
81) Benzo(a)anthracene	21.568	228	1325820	44.263	ng	99
82) 3,3'-Dichlorobenzidine	21.485	252	306803	30.335	ng	98
83) Chrysene	21.638	228	1245141	43.128	ng	100
84) Bis(2-ethylhexyl)phtha...	21.509	149	695464	40.248	ng	# 97
85) Di-n-octyl phthalate	22.702	149	1207671	42.902	ng	100
87) Indeno(1,2,3-cd)pyrene	28.277	276	1602118	46.827	ng	# 97
88) Benzo(b)fluoranthene	23.736	252	1302310	46.658	ng	97
89) Benzo(k)fluoranthene	23.800	252	1296862	45.394	ng	# 98
90) Benzo(a)pyrene	24.576	252	1222201	45.058	ng	98
91) Dibenzo(a,h)anthracene	28.354	278	1316185	45.635	ng	# 95
92) Benzo(g,h,i)perylene	29.382	276	1216672	43.366	ng	99

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

