

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041324\
 Data File : BG060894.D
 Acq On : 13 Apr 2024 15:08
 Operator : MA/JU
 Sample : PB160203BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB160203BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 15 01:18:05 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	7.950	152	45737	20.000	ng	-0.01
21) Naphthalene-d8	10.747	136	202596	20.000	ng	-0.01
39) Acenaphthene-d10	14.578	164	166177	20.000	ng	-0.01
64) Phenanthrene-d10	17.327	188	417646	20.000	ng	-0.01
76) Chrysene-d12	21.593	240	377808	20.000	ng	-0.01
86) Perylene-d12	24.731	264	420349	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	331889	120.885	ng	0.00
7) Phenol-d6	7.116	99	491857	120.690	ng	0.00
23) Nitrobenzene-d5	9.102	82	319472	89.980	ng	-0.01
42) 2,4,6-Tribromophenol	16.070	330	315065	167.021	ng	0.00
45) 2-Fluorobiphenyl	13.203	172	852399	75.282	ng	-0.02
79) Terphenyl-d14	19.954	244	1694328	78.967	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.455	88	31502	27.986	ng	94
3) Pyridine	3.837	79	85220	25.099	ng	# 87
4) n-Nitrosodimethylamine	3.755	42	74130	36.525	ng	96
6) Aniline	7.275	93	116044	22.549	ng	96
8) 2-Chlorophenol	7.515	128	136047	43.709	ng	95
9) Benzaldehyde	7.087	77	20342m	9.052	ng	
10) Phenol	7.145	94	181274	43.584	ng	97
11) bis(2-Chloroethyl)ether	7.369	93	117972	35.132	ng	98
12) 1,3-Dichlorobenzene	7.839	146	131592	40.655	ng	98
13) 1,4-Dichlorobenzene	7.986	146	134042	40.591	ng	96
14) 1,2-Dichlorobenzene	8.303	146	130909	40.451	ng	98
15) Benzyl Alcohol	8.185	79	136105	41.229	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.467	45	294732	38.892	ng	98
17) 2-Methylphenol	8.391	107	123850	39.445	ng	98
18) Hexachloroethane	9.031	117	46755	39.865	ng	91
19) n-Nitroso-di-n-propyla...	8.755	70	112383	36.161	ng	# 96
20) 3+4-Methylphenols	8.714	107	171346	39.852	ng	96
22) Acetophenone	8.767	105	217167	38.875	ng	# 97
24) Nitrobenzene	9.149	77	162065	41.411	ng	97
25) Isophorone	9.672	82	314216	38.423	ng	96
26) 2-Nitrophenol	9.854	139	74260	52.610	ng	94
27) 2,4-Dimethylphenol	9.919	122	108295	32.967	ng	98
28) bis(2-Chloroethoxy)met...	10.154	93	177977	36.864	ng	99
29) 2,4-Dichlorophenol	10.394	162	148417	49.201	ng	98
30) 1,2,4-Trichlorobenzene	10.612	180	145899	42.713	ng	98
31) Naphthalene	10.800	128	413262	37.709	ng	99
32) Benzoic acid	10.054	122	110597	50.232	ng	96
33) 4-Chloroaniline	10.900	127	84333	16.568	ng	97
34) Hexachlorobutadiene	11.088	225	104154	45.752	ng	96
35) Caprolactam	11.669	113	51785m	43.344	ng	
36) 4-Chloro-3-methylphenol	12.028	107	171558	44.519	ng	98
37) 2-Methylnaphthalene	12.404	142	300194	37.258	ng	96
38) 1-Methylnaphthalene	12.621	142	285594	37.521	ng	95
40) 1,2,4,5-Tetrachloroben...	12.774	216	200581	41.985	ng	99
41) Hexachlorocyclopentadiene	12.756	237	214837	88.439	ng	99
43) 2,4,6-Trichlorophenol	13.009	196	146540	47.636	ng	95

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44) 2,4,5-Trichlorophenol	13.085	196	165280	45.021	ng	97
46) 1,1'-Biphenyl	13.414	154	449778	38.319	ng	99
47) 2-Chloronaphthalene	13.456	162	353223	39.608	ng	100
48) 2-Nitroaniline	13.649	65	139722	48.276	ng	99
49) Acenaphthylene	14.302	152	601570	40.146	ng	99
50) Dimethylphthalate	14.037	163	521497	39.704	ng	100
51) 2,6-Dinitrotoluene	14.155	165	109148	46.528	ng	89
52) Acenaphthene	14.648	154	423112m	44.973	ng	
53) 3-Nitroaniline	14.478	138	72688	29.353	ng	94
54) 2,4-Dinitrophenol	14.689	184	141173	154.413	ng	91
55) Dibenzofuran	14.977	168	572874	38.604	ng	98
56) 4-Nitrophenol	14.795	139	187260	97.523	ng	96
57) 2,4-Dinitrotoluene	14.942	165	159142	51.586	ng	91
58) Fluorene	15.629	166	474089	39.806	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.206	232	160009	50.014	ng	97
60) Diethylphthalate	15.406	149	513019	38.822	ng	99
61) 4-Chlorophenyl-phenyle...	15.624	204	258690	41.056	ng	96
62) 4-Nitroaniline	15.641	138	116317	48.436	ng	96
63) Azobenzene	15.917	77	476632	37.014	ng	96
65) 4,6-Dinitro-2-methylph...	15.706	198	101130	57.110	ng	96
66) n-Nitrosodiphenylamine	15.841	169	455430	38.160	ng	96
67) 4-Bromophenyl-phenylether	16.523	248	185171	43.687	ng	97
68) Hexachlorobenzene	16.634	284	211491	44.201	ng	97
69) Atrazine	16.793	200	181583	43.508	ng	97
70) Pentachlorophenol	16.981	266	284525	91.133	ng	98
71) Phenanthrene	17.374	178	834214	38.406	ng	99
72) Anthracene	17.463	178	854296	38.728	ng	99
73) Carbazole	17.727	167	763300	39.246	ng	100
74) Di-n-butylphthalate	18.303	149	905264	37.334	ng	100
75) Fluoranthene	19.384	202	1035025	39.269	ng	97
77) Benzidine	19.560	184	208357	20.944	ng	98
78) Pyrene	19.748	202	1057894	40.037	ng	99
80) Butylbenzylphthalate	20.647	149	395181	40.999	ng	94
81) Benzo(a)anthracene	21.575	228	1061973	39.877	ng	99
82) 3,3'-Dichlorobenzidine	21.493	252	269826	30.007	ng	97
83) Chrysene	21.640	228	1006175	39.198	ng	99
84) Bis(2-ethylhexyl)phtha...	21.505	149	561885	36.574	ng	97
85) Di-n-octyl phthalate	22.704	149	980106	39.161	ng	100
87) Indeno(1,2,3-cd)pyrene	28.297	276	1248601	42.181	ng	# 95
88) Benzo(b)fluoranthene	23.744	252	1026692	42.515	ng	99
89) Benzo(k)fluoranthene	23.808	252	1034728	41.862	ng	# 98
90) Benzo(a)pyrene	24.584	252	953611	40.634	ng	98
91) Dibenzo(a,h)anthracene	28.367	278	1027224	41.166	ng	# 96
92) Benzo(g,h,i)perylene	29.407	276	960403	39.566	ng	97

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

