

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
 Data File : BG060634.D
 Acq On : 14 Mar 2024 11:47
 Operator : MA/JU
 Sample : PB159572BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB159572BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
 Supervised By :mohammad ahmed 03/16/2024

Quant Time: Mar 14 13:26:13 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Mar 14 00:45:22 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.324	152	99942	20.000	ng	0.00
21) Naphthalene-d8	11.168	136	464234	20.000	ng	0.00
39) Acenaphthene-d10	14.952	164	299646	20.000	ng	0.00
64) Phenanthrene-d10	17.696	188	651721	20.000	ng	0.00
76) Chrysene-d12	22.014	240	565779	20.000	ng	-0.01
86) Perylene-d12	25.569	264	615395	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.810	112	920086	144.721	ng	0.00
7) Phenol-d6	7.437	99	1265607	137.230	ng	0.00
23) Nitrobenzene-d5	9.523	82	773431	86.707	ng	0.00
42) 2,4,6-Tribromophenol	16.432	330	477081	137.397	ng	0.00
45) 2-Fluorobiphenyl	13.577	172	1924367	86.830	ng	0.00
79) Terphenyl-d14	20.275	244	2690270	85.948	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.642	88	91844	34.512	ng	98
3) Pyridine	4.059	79	225773	28.706	ng	98
4) n-Nitrosodimethylamine	3.988	42	161346	41.819	ng	98
6) Aniline	7.649	93	268002	23.781	ng	98
8) 2-Chlorophenol	7.872	128	341936	49.201	ng	97
10) Phenol	7.466	94	456454	49.326	ng	96
11) bis(2-Chloroethyl)ether	7.737	93	317635	43.059	ng	97
12) 1,3-Dichlorobenzene	8.207	146	336798	44.939	ng	99
13) 1,4-Dichlorobenzene	8.360	146	347394	45.727	ng	98
14) 1,2-Dichlorobenzene	8.677	146	340363	45.110	ng	96
15) Benzyl Alcohol	8.565	79	329297	45.163	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.835	45	611351	42.689	ng	97
17) 2-Methylphenol	8.741	107	324026	45.601	ng	97
18) Hexachloroethane	9.411	117	118139	45.522	ng	98
19) n-Nitroso-di-n-propyla...	9.135	70	275806	43.144	ng	97
20) 3+4-Methylphenols	9.076	107	432161	45.094	ng	95
22) Acetophenone	9.164	105	567190	45.571	ng	# 97
24) Nitrobenzene	9.570	77	393134	44.084	ng	99
25) Isophorone	10.075	82	793135	44.425	ng	99
26) 2-Nitrophenol	10.275	139	156659	43.582	ng	94
27) 2,4-Dimethylphenol	10.293	122	316871	40.100	ng	98
28) bis(2-Chloroethoxy)met...	10.557	93	472262	44.125	ng	100
29) 2,4-Dichlorophenol	10.792	162	345650	48.738	ng	98
30) 1,2,4-Trichlorobenzene	11.009	180	336216	44.649	ng	98
31) Naphthalene	11.221	128	1117137	43.083	ng	98
32) Benzoic acid	10.416	122	224057	43.756	ng	97
33) 4-Chloroaniline	11.333	127	130573	11.942	ng	98
34) Hexachlorobutadiene	11.450	225	216435	42.139	ng	97
35) Caprolactam	12.126	113	113566m	47.570	ng	
36) 4-Chloro-3-methylphenol	12.402	107	405688	46.678	ng	99
37) 2-Methylnaphthalene	12.801	142	744039	41.545	ng	99
38) 1-Methylnaphthalene	13.019	142	730858	43.478	ng	98
40) 1,2,4,5-Tetrachloroben...	13.142	216	435629	47.340	ng	99
41) Hexachlorocyclopentadiene	13.095	237	446241	98.612	ng	95
43) 2,4,6-Trichlorophenol	13.377	196	288433	48.814	ng	99
44) 2,4,5-Trichlorophenol	13.448	196	305278	43.674	ng	# 95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.788	154	1059670	46.525	ng	99
47) 2-Chloronaphthalene	13.841	162	799094	46.487	ng	97
48) 2-Nitroaniline	14.053	65	268352	47.301	ng	98
49) Acenaphthylene	14.682	152	1332916	47.600	ng	99
50) Dimethylphthalate	14.394	163	1009504	44.921	ng	99
51) 2,6-Dinitrotoluene	14.535	165	195871	47.302	ng	99
52) Acenaphthene	15.016	154	739669	44.203	ng	98
53) 3-Nitroaniline	14.870	138	113796	23.867	ng	96
54) 2,4-Dinitrophenol	15.069	184	193452	90.292	ng	97
55) Dibenzofuran	15.345	168	1206944	44.547	ng	100
56) 4-Nitrophenol	15.140	139	353667	99.407	ng	98
57) 2,4-Dinitrotoluene	15.310	165	259117	49.742	ng	98
58) Fluorene	15.992	166	980028	45.210	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.551	232	276109	47.367	ng	93
60) Diethylphthalate	15.739	149	1027209	44.424	ng	99
61) 4-Chlorophenyl-phenyle...	15.974	204	482237	43.919	ng	99
62) 4-Nitroaniline	16.033	138	217684	44.586	ng	97
63) Azobenzene	16.268	77	1062598	44.405	ng	99
65) 4,6-Dinitro-2-methylph...	16.056	198	117669	40.762	ng	91
66) n-Nitrosodiphenylamine	16.197	169	886284	43.453	ng	97
67) 4-Bromophenyl-phenylether	16.873	248	295744	42.081	ng	97
68) Hexachlorobenzene	16.961	284	368831	45.646	ng	98
69) Atrazine	17.132	200	316926	46.457	ng	100
70) Pentachlorophenol	17.314	266	462334	88.279	ng	97
71) Phenanthrene	17.743	178	1532934	43.665	ng	99
72) Anthracene	17.831	178	1542356	43.451	ng	99
73) Carbazole	18.107	167	1367203	44.297	ng	99
74) Di-n-butylphthalate	18.618	149	1698105	45.147	ng	99
75) Fluoranthene	19.729	202	1716636	44.205	ng	98
77) Benzidine	19.917	184	274400	19.828	ng	99
78) Pyrene	20.093	202	1771048	44.855	ng	99
80) Butylbenzylphthalate	20.957	149	703409	47.124	ng	99
81) Benzo(a)anthracene	21.996	228	1740515	44.679	ng	99
82) 3,3'-Dichlorobenzidine	21.908	252	341051	25.974	ng	96
83) Chrysene	22.067	228	1653703	43.719	ng	98
84) Bis(2-ethylhexyl)phtha...	21.838	149	1042907	47.301	ng	98
85) Di-n-octyl phthalate	23.166	149	1763558	48.573	ng	99
87) Indeno(1,2,3-cd)pyrene	29.693	276	2043055	48.671	ng	# 94
88) Benzo(b)fluoranthene	24.423	252	1678975	49.593	ng	100
89) Benzo(k)fluoranthene	24.499	252	1667775	46.890	ng	100
90) Benzo(a)pyrene	25.398	252	1491699	44.942	ng	99
91) Dibenzo(a,h)anthracene	29.787	278	1739978	48.828	ng	98
92) Benzo(g,h,i)perylene	31.009	276	1643001	47.621	ng	98

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

