

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
 Data File : BG056327.D
 Acq On : 18 Jan 2023 13:47
 Operator : CG/JU
 Sample : PB150306BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB150306BS

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023
 Supervised By :Jagrut Upadhyay 01/19/2023

Quant Time: Jan 19 00:30:08 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	8.308	152	44982	20.000	ng	0.00
21) Naphthalene-d8	11.140	136	178649	20.000	ng	0.00
39) Acenaphthene-d10	14.924	164	143988	20.000	ng	0.00
64) Phenanthrene-d10	17.662	188	354240	20.000	ng	0.00
76) Chrysene-d12	21.957	240	316484	20.000	ng	0.00
86) Perylene-d12	25.400	264	339911	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.829	112	392842	155.933	ng	0.00
7) Phenol-d6	7.451	99	549705	142.082	ng	0.00
23) Nitrobenzene-d5	9.483	82	298609	85.499	ng	0.00
42) 2,4,6-Tribromophenol	16.405	330	254733	139.688	ng	0.00
45) 2-Fluorobiphenyl	13.549	172	943216	90.458	ng	0.00
79) Terphenyl-d14	20.236	244	1720749	97.381	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.632	88	37692	32.755	ng	96
3) Pyridine	4.049	79	108941	31.084	ng	# 95
4) n-Nitrosodimethylamine	3.961	42	27326	38.328	ng	# 73
6) Aniline	7.621	93	144531	28.487	ng	97
8) 2-Chlorophenol	7.868	128	138438	55.221	ng	96
9) Benzaldehyde	7.433	77	61564m	26.762	ng	
10) Phenol	7.480	94	191288	48.753	ng	99
11) bis(2-Chloroethyl)ether	7.709	93	120081	45.161	ng	98
12) 1,3-Dichlorobenzene	8.197	146	148431	48.648	ng	94
13) 1,4-Dichlorobenzene	8.344	146	147818	48.245	ng	97
14) 1,2-Dichlorobenzene	8.667	146	146403	49.522	ng	99
15) Benzyl Alcohol	8.543	79	127016	45.109	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.831	45	26074	55.492	ng	# 74
17) 2-Methylphenol	8.743	107	134830	46.831	ng	96
18) Hexachloroethane	9.407	117	45797	49.203	ng	94
19) n-Nitroso-di-n-propyla...	9.113	70	94865	40.323	ng	96
20) 3+4-Methylphenols	9.072	107	185510	45.830	ng	98
22) Acetophenone	9.137	105	216099	42.781	ng	# 98
24) Nitrobenzene	9.530	77	147057	42.488	ng	96
25) Isophorone	10.048	82	289306	39.370	ng	97
26) 2-Nitrophenol	10.241	139	81869	46.231	ng	99
27) 2,4-Dimethylphenol	10.288	122	150601	46.626	ng	97
28) bis(2-Chloroethoxy)met...	10.523	93	165222	43.260	ng	98
29) 2,4-Dichlorophenol	10.782	162	170975	47.880	ng	98
30) 1,2,4-Trichlorobenzene	10.999	180	183133	45.193	ng	98
31) Naphthalene	11.193	128	423332	45.026	ng	99
32) Benzoic acid	10.441	122	94808	39.561	ng	94
33) 4-Chloroaniline	11.293	127	72115	16.065	ng	97
34) Hexachlorobutadiene	11.464	225	130492	44.774	ng	97
35) Caprolactam	12.069	113	49698m	41.107	ng	
36) 4-Chloro-3-methylphenol	12.392	107	160882	44.400	ng	98
37) 2-Methylnaphthalene	12.774	142	330097	41.581	ng	97
38) 1-Methylnaphthalene	12.991	142	312060	42.330	ng	95
40) 1,2,4,5-Tetrachloroben...	13.138	216	245620	45.514	ng	99
41) Hexachlorocyclopentadiene	13.109	237	339561	110.363	ng	96
43) 2,4,6-Trichlorophenol	13.367	196	165939	46.501	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.444	196	180217	42.693	ng	96
46) 1,1'-Biphenyl	13.761	154	484980	47.031	ng	98
47) 2-Chloronaphthalene	13.814	162	383655	47.136	ng	99
48) 2-Nitroaniline	14.002	65	79615	45.909	ng	97
49) Acenaphthylene	14.654	152	598879	45.214	ng	98
50) Dimethylphthalate	14.366	163	502585	43.238	ng	98
51) 2,6-Dinitrotoluene	14.489	165	111585	45.053	ng	94
52) Acenaphthene	14.989	154	442063m	51.315	ng	
53) 3-Nitroaniline	14.818	138	52759	22.382	ng	99
54) 2,4-Dinitrophenol	15.030	184	164170	92.784	ng	# 96
55) Dibenzofuran	15.318	168	617883	43.343	ng	97
56) 4-Nitrophenol	15.124	139	167304	92.287	ng	92
57) 2,4-Dinitrotoluene	15.277	165	153156	44.216	ng	90
58) Fluorene	15.964	166	497773	43.413	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.541	232	171072m	43.162	ng	
60) Diethylphthalate	15.711	149	462648	42.442	ng	100
61) 4-Chlorophenyl-phenyle...	15.946	204	305917	42.752	ng	99
62) 4-Nitroaniline	15.982	138	98063	40.613	ng	96
63) Azobenzene	16.240	77	358587	42.629	ng	98
65) 4,6-Dinitro-2-methylph...	16.035	198	111519	46.726	ng	93
66) n-Nitrosodiphenylamine	16.158	169	458136	46.613	ng	98
67) 4-Bromophenyl-phenylether	16.840	248	208705	46.267	ng	99
68) Hexachlorobenzene	16.969	284	211339	50.216	ng	97
69) Atrazine	17.092	200	195939	48.103	ng	99
70) Pentachlorophenol	17.310	266	271510	83.984	ng	96
71) Phenanthrene	17.703	178	846334	46.102	ng	99
72) Anthracene	17.797	178	861595	45.497	ng	99
73) Carbazole	18.056	167	738801	46.412	ng	97
74) Di-n-butylphthalate	18.585	149	753116	47.461	ng	100
75) Fluoranthene	19.695	202	1024503	42.783	ng	99
77) Benzidine	19.860	184	339063	30.571	ng	99
78) Pyrene	20.053	202	1041773	46.701	ng	99
80) Butylbenzylphthalate	20.911	149	298104	46.581	ng	96
81) Benzo(a)anthracene	21.934	228	1004219	45.176	ng	99
82) 3,3'-Dichlorobenzidine	21.834	252	199987	24.992	ng	100
83) Chrysene	22.004	228	946433	45.454	ng	99
84) Bis(2-ethylhexyl)phtha...	21.798	149	422956	45.873	ng	100
85) Di-n-octyl phthalate	23.079	149	721666	46.364	ng	99
87) Indeno(1,2,3-cd)pyrene	29.372	276	1167605	47.232	ng	# 98
88) Benzo(b)fluoranthene	24.301	252	1048542	48.551	ng	99
89) Benzo(k)fluoranthene	24.372	252	998365	46.423	ng	99
90) Benzo(a)pyrene	25.236	252	917841	43.573	ng	100
91) Dibenzo(a,h)anthracene	29.431	278	989570	47.746	ng	98
92) Benzo(g,h,i)perylene	30.623	276	934833	46.513	ng	100

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

