

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080723\
 Data File : BG058622.D
 Acq On : 7 Aug 2023 11:30
 Operator : MA/JU
 Sample : PB154530BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB154530BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023

Quant Time: Aug 07 12:04:05 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 28 22:29:07 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	42572	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	194186	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	144826	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	362200	20.000	ng	0.00
76) Chrysene-d12	21.455	240	318334	20.000	ng	0.00
86) Perylene-d12	24.522	264	406013	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	420879	151.108	ng	0.00
7) Phenol-d6	6.989	99	592645	152.913	ng	0.00
23) Nitrobenzene-d5	8.981	82	356068	90.078	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	323192	136.150	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	832262	86.119	ng	0.00
79) Terphenyl-d14	19.827	244	1596602	94.318	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.264	88	47982	35.551	ng	97
3) Pyridine	3.664	79	123639	33.600	ng	95
4) n-Nitrosodimethylamine	3.581	42	71259	45.705	ng	# 96
6) Aniline	7.142	93	199695	41.850	ng	98
8) 2-Chlorophenol	7.377	128	152762	55.907	ng	99
9) Benzaldehyde	6.954	77	65323	31.023	ng	95
10) Phenol	7.013	94	215061	56.805	ng	99
11) bis(2-Chloroethyl)ether	7.236	93	144876	48.540	ng	95
12) 1,3-Dichlorobenzene	7.700	146	140697	48.221	ng	99
13) 1,4-Dichlorobenzene	7.847	146	145688	49.729	ng	98
14) 1,2-Dichlorobenzene	8.164	146	143216	51.130	ng	97
15) Benzyl Alcohol	8.053	79	148951	60.602	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.346	45	250199	51.605	ng	99
17) 2-Methylphenol	8.264	107	147462	53.270	ng	99
18) Hexachloroethane	8.893	117	52336	49.149	ng	95
19) n-Nitroso-di-n-propyla...	8.623	70	126992	50.728	ng	99
20) 3+4-Methylphenols	8.593	107	206817	55.234	ng	99
22) Acetophenone	8.640	105	243750	46.879	ng	# 99
24) Nitrobenzene	9.022	77	181869	45.257	ng	98
25) Isophorone	9.539	82	378881	46.390	ng	100
26) 2-Nitrophenol	9.733	139	86167	49.258	ng	99
27) 2,4-Dimethylphenol	9.792	122	144365	49.754	ng	99
28) bis(2-Chloroethoxy)met...	10.027	93	213332	47.997	ng	99
29) 2,4-Dichlorophenol	10.268	162	159241	52.856	ng	98
30) 1,2,4-Trichlorobenzene	10.479	180	161711	46.543	ng	100
31) Naphthalene	10.667	128	465282	45.461	ng	100
32) Benzoic acid	9.962	122	110312	49.628	ng	91
33) 4-Chloroaniline	10.779	127	135372	31.306	ng	99
34) Hexachlorobutadiene	10.943	225	100021	44.702	ng	98
35) Caprolactam	11.566	113	61938m	55.673	ng	
36) 4-Chloro-3-methylphenol	11.913	107	198066	53.146	ng	98
37) 2-Methylnaphthalene	12.277	142	331172	45.236	ng	99
38) 1-Methylnaphthalene	12.500	142	321198	46.154	ng	99
40) 1,2,4,5-Tetrachloroben...	12.653	216	193864	43.601	ng	99
41) Hexachlorocyclopentadiene	12.624	237	198844	94.898	ng	98
43) 2,4,6-Trichlorophenol	12.894	196	148178	48.452	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	164999	45.806	ng	99
46) 1,1'-Biphenyl	13.294	154	453059	45.552	ng	99
47) 2-Chloronaphthalene	13.341	162	359515	46.360	ng	98
48) 2-Nitroaniline	13.546	65	145180	49.048	ng	99
49) Acenaphthylene	14.187	152	614606	47.338	ng	99
50) Dimethylphthalate	13.922	163	516745	47.509	ng	100
51) 2,6-Dinitrotoluene	14.046	165	117265	49.135	ng	98
52) Acenaphthene	14.527	154	342435	45.645	ng	98
53) 3-Nitroaniline	14.375	138	81489	34.128	ng	97
54) 2,4-Dinitrophenol	14.592	184	143275	104.017	ng	97
55) Dibenzofuran	14.862	168	590420	45.801	ng	99
56) 4-Nitrophenol	14.698	139	184369	103.198	ng	96
57) 2,4-Dinitrotoluene	14.839	165	167804	50.717	ng	98
58) Fluorene	15.514	166	481652	47.033	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.091	232	150628	49.005	ng	100
60) Diethylphthalate	15.285	149	532101	48.020	ng	99
61) 4-Chlorophenyl-phenyle...	15.503	204	265127	46.437	ng	100
62) 4-Nitroaniline	15.544	138	118385	52.339	ng	98
63) Azobenzene	15.796	77	509628	46.694	ng	99
65) 4,6-Dinitro-2-methylph...	15.603	198	103543	51.846	ng	99
66) n-Nitrosodiphenylamine	15.720	169	436297	46.281	ng	98
67) 4-Bromophenyl-phenylether	16.396	248	185224	45.087	ng	99
68) Hexachlorobenzene	16.519	284	210029	48.247	ng	99
69) Atrazine	16.672	200	182134	57.232	ng	99
70) Pentachlorophenol	16.866	266	225157	85.452	ng	98
71) Phenanthrene	17.254	178	796526	46.371	ng	99
72) Anthracene	17.342	178	814303	46.201	ng	99
73) Carbazole	17.618	167	770244	49.558	ng	99
74) Di-n-butylphthalate	18.170	149	951210	48.861	ng	100
75) Fluoranthene	19.269	202	981974	47.592	ng	99
77) Benzidine	19.451	184	431161	89.318	ng	98
78) Pyrene	19.627	202	1005532	46.414	ng	99
80) Butylbenzylphthalate	20.514	149	421199	47.332	ng	99
81) Benzo(a)anthracene	21.431	228	1038706	47.413	ng	100
82) 3,3'-Dichlorobenzidine	21.355	252	304037	41.047	ng	99
83) Chrysene	21.496	228	966670	46.022	ng	99
84) Bis(2-ethylhexyl)phtha...	21.337	149	614887	47.284	ng	# 98
85) Di-n-octyl phthalate	22.489	149	1095683	47.924	ng	100
87) Indeno(1,2,3-cd)pyrene	28.035	276	1313840	48.641	ng	100
88) Benzo(b)fluoranthene	23.552	252	1080657	49.073	ng	99
89) Benzo(k)fluoranthene	23.617	252	1060184	47.923	ng	99
90) Benzo(a)pyrene	24.381	252	976004	45.130	ng	98
91) Dibenzo(a,h)anthracene	28.082	278	1084127	48.541	ng	99
92) Benzo(g,h,i)perylene	29.122	276	1068917	47.729	ng	98

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

