

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
 Data File : BG057740.D
 Acq On : 16 Jun 2023 18:43
 Operator : CG/JU
 Sample : PB153314BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB153314BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 17 03:57:51 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 15 15:28:07 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	31554	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	149316	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	109197	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	265995	20.000	ng	0.00
76) Chrysene-d12	21.566	240	222048	20.000	ng	0.00
86) Perylene-d12	24.721	264	277195	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	290807	150.066	ng	0.00
7) Phenol-d6	7.095	99	420852	141.367	ng	0.00
23) Nitrobenzene-d5	9.092	82	236547	96.069	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	190756	156.580	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	582170	79.470	ng	0.00
79) Terphenyl-d14	19.927	244	1047312	87.203	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	30001	30.409	ng	92
3) Pyridine	3.799	79	83990	30.073	ng	92
4) n-Nitrosodimethylamine	3.716	42	49711	36.495	ng	81
6) Aniline	7.253	93	136298	34.895	ng	96
8) 2-Chlorophenol	7.494	128	105293	56.670	ng	93
9) Benzaldehyde	7.065	77	60370	32.900	ng	99
10) Phenol	7.118	94	152053	52.270	ng	96
11) bis(2-Chloroethyl)ether	7.353	93	99338	43.569	ng	96
12) 1,3-Dichlorobenzene	7.823	146	93990	43.731	ng	96
13) 1,4-Dichlorobenzene	7.970	146	96666	45.363	ng	96
14) 1,2-Dichlorobenzene	8.288	146	94258	45.525	ng	99
15) Benzyl Alcohol	8.170	79	109097	47.850	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.464	45	200241m	40.334	ng	
17) 2-Methylphenol	8.370	107	102410	47.841	ng	96
18) Hexachloroethane	9.016	117	34301	52.088	ng	98
19) n-Nitroso-di-n-propyla...	8.740	70	90283	41.942	ng	98
20) 3+4-Methylphenols	8.699	107	143795	49.129	ng	96
22) Acetophenone	8.752	105	175013	40.346	ng	# 96
24) Nitrobenzene	9.134	77	124177	46.329	ng	100
25) Isophorone	9.656	82	267579	38.663	ng	99
26) 2-Nitrophenol	9.845	139	46413	61.039	ng	# 87
27) 2,4-Dimethylphenol	9.903	122	109528	47.394	ng	98
28) bis(2-Chloroethoxy)met...	10.144	93	150643	41.871	ng	98
29) 2,4-Dichlorophenol	10.379	162	107513	54.843	ng	98
30) 1,2,4-Trichlorobenzene	10.597	180	107446	42.169	ng	98
31) Naphthalene	10.785	128	321867	40.109	ng	99
32) Benzoic acid	10.033	122	80191	88.796	ng	96
33) 4-Chloroaniline	10.890	127	73142	19.577	ng	97
34) Hexachlorobutadiene	11.072	225	63703	39.757	ng	99
35) Caprolactam	11.666	113	41470m	51.280	ng	
36) 4-Chloro-3-methylphenol	12.013	107	136027	48.979	ng	98
37) 2-Methylnaphthalene	12.394	142	232439	39.151	ng	97
38) 1-Methylnaphthalene	12.612	142	219924	39.486	ng	100
40) 1,2,4,5-Tetrachloroben...	12.759	216	127582	41.274	ng	98
41) Hexachlorocyclopentadiene	12.741	237	160083	135.781	ng	96
43) 2,4,6-Trichlorophenol	12.994	196	96558	48.247	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.064	196	109239	46.301	ng	96
46) 1,1'-Biphenyl	13.405	154	317647	42.102	ng	99
47) 2-Chloronaphthalene	13.446	162	245227	43.004	ng	96
48) 2-Nitroaniline	13.646	65	90845	55.637	ng	96
49) Acenaphthylene	14.286	152	408465	41.304	ng	98
50) Dimethylphthalate	14.022	163	347799	43.439	ng	99
51) 2,6-Dinitrotoluene	14.139	165	68716	55.596	ng	88
52) Acenaphthene	14.633	154	279092m	47.082	ng	
53) 3-Nitroaniline	14.469	138	49410	38.401	ng	# 97
54) 2,4-Dinitrophenol	14.674	184	72859	116.878	ng	96
55) Dibenzofuran	14.968	168	406806	40.884	ng	99
56) 4-Nitrophenol	14.774	139	132597	98.589	ng	89
57) 2,4-Dinitrotoluene	14.927	165	97283	59.163	ng	94
58) Fluorene	15.614	166	321710	40.588	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.185	232	97509	49.373	ng	99
60) Diethylphthalate	15.391	149	364202	44.066	ng	100
61) 4-Chlorophenyl-phenyle...	15.608	204	173280	40.806	ng	99
62) 4-Nitroaniline	15.632	138	75529	49.552	ng	92
63) Azobenzene	15.902	77	362211	40.759	ng	98
65) 4,6-Dinitro-2-methylph...	15.685	198	51961	69.846	ng	91
66) n-Nitrosodiphenylamine	15.820	169	293267	42.176	ng	99
67) 4-Bromophenyl-phenylether	16.501	248	116281	42.932	ng	99
68) Hexachlorobenzene	16.613	284	125764	44.431	ng	99
69) Atrazine	16.772	200	123595	53.425	ng	99
70) Pentachlorophenol	16.960	266	170186	100.149	ng	97
71) Phenanthrene	17.353	178	539738	41.583	ng	100
72) Anthracene	17.442	178	548213	41.692	ng	99
73) Carbazole	17.712	167	525407	43.145	ng	99
74) Di-n-butylphthalate	18.276	149	642098	47.571	ng	98
75) Fluoranthene	19.363	202	652744	41.745	ng	100
77) Benzidine	19.545	184	317212	59.926	ng	98
78) Pyrene	19.727	202	665442	42.119	ng	99
80) Butylbenzylphthalate	20.620	149	282138	48.975	ng	95
81) Benzo(a)anthracene	21.548	228	653560	42.620	ng	99
82) 3,3'-Dichlorobenzidine	21.466	252	175123	35.061	ng	99
83) Chrysene	21.613	228	610004	41.799	ng	99
84) Bis(2-ethylhexyl)phtha...	21.466	149	400665	51.476	ng	99
85) Di-n-octyl phthalate	22.659	149	732361	54.567	ng	96
87) Indeno(1,2,3-cd)pyrene	28.323	276	801563	44.691	ng	99
88) Benzo(b)fluoranthene	23.722	252	699779	46.535	ng	99
89) Benzo(k)fluoranthene	23.793	252	656725	42.108	ng	97
90) Benzo(a)pyrene	24.574	252	610867	41.316	ng	99
91) Dibenzo(a,h)anthracene	28.387	278	665413	44.895	ng	99
92) Benzo(g,h,i)perylene	29.451	276	659830	44.603	ng	98

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

