

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061923\
 Data File : BG057764.D
 Acq On : 19 Jun 2023 21:05
 Operator : CG/JU
 Sample : PB153461BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB153461BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 20 04:03:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	34452	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	151203	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	112139	20.000	ng	0.00
64) Phenanthrene-d10	17.306	188	280351	20.000	ng	0.00
76) Chrysene-d12	21.560	240	235266	20.000	ng	0.00
86) Perylene-d12	24.703	264	286691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	294049	131.602	ng	0.00
7) Phenol-d6	7.089	99	423104	124.102	ng	0.00
23) Nitrobenzene-d5	9.086	82	233977	79.420	ng	0.00
42) 2,4,6-Tribromophenol	16.049	330	193182	123.669	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	574941	77.764	ng	0.00
79) Terphenyl-d14	19.921	244	1039753	82.409	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	35386	34.791	ng	99
3) Pyridine	3.793	79	90211	29.121	ng	96
4) n-Nitrosodimethylamine	3.710	42	52059	36.779	ng	98
6) Aniline	7.253	93	145248	33.273	ng	99
8) 2-Chlorophenol	7.488	128	101906	44.333	ng	97
9) Benzaldehyde	7.065	77	59889	27.937	ng	96
10) Phenol	7.112	94	151775	45.214	ng	97
11) bis(2-Chloroethyl)ether	7.347	93	99894	38.705	ng	99
12) 1,3-Dichlorobenzene	7.817	146	95638	40.884	ng	95
13) 1,4-Dichlorobenzene	7.964	146	97296	41.048	ng	98
14) 1,2-Dichlorobenzene	8.281	146	96355	42.012	ng	96
15) Benzyl Alcohol	8.164	79	105529	40.481	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.458	45	190146	38.352	ng	99
17) 2-Methylphenol	8.364	107	103843	42.060	ng	94
18) Hexachloroethane	9.010	117	33046	39.539	ng	95
19) n-Nitroso-di-n-propyla...	8.734	70	89234	37.542	ng	98
20) 3+4-Methylphenols	8.693	107	144022	42.230	ng	96
22) Acetophenone	8.751	105	171571	40.464	ng	# 98
24) Nitrobenzene	9.127	77	123718	40.349	ng	97
25) Isophorone	9.650	82	262940	39.065	ng	99
26) 2-Nitrophenol	9.838	139	45955	47.110	ng	96
27) 2,4-Dimethylphenol	9.897	122	110933	45.933	ng	98
28) bis(2-Chloroethoxy)met...	10.138	93	149252	41.176	ng	100
29) 2,4-Dichlorophenol	10.373	162	105319	45.922	ng	99
30) 1,2,4-Trichlorobenzene	10.590	180	104193	40.758	ng	99
31) Naphthalene	10.778	128	321892	40.000	ng	99
32) Benzoic acid	10.032	122	82463	46.376	ng	98
33) 4-Chloroaniline	10.884	127	93763	25.146	ng	98
34) Hexachlorobutadiene	11.066	225	61376	39.353	ng	98
35) Caprolactam	11.660	113	43534m	46.778	ng	
36) 4-Chloro-3-methylphenol	12.006	107	138227	46.149	ng	96
37) 2-Methylnaphthalene	12.388	142	232495	39.636	ng	97
38) 1-Methylnaphthalene	12.606	142	219934	39.719	ng	99
40) 1,2,4,5-Tetrachloroben...	12.753	216	122307	39.342	ng	98
41) Hexachlorocyclopentadiene	12.735	237	150671	91.290	ng	100
43) 2,4,6-Trichlorophenol	12.994	196	96693	43.438	ng	98

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44) 2,4,5-Trichlorophenol	13.064	196	108448	41.796	ng	96
46) 1,1'-Biphenyl	13.399	154	317440	41.227	ng	97
47) 2-Chloronaphthalene	13.440	162	244782	41.381	ng	98
48) 2-Nitroaniline	13.640	65	94904	45.146	ng	98
49) Acenaphthylene	14.286	152	416049	40.977	ng	99
50) Dimethylphthalate	14.016	163	357811	41.544	ng	100
51) 2,6-Dinitrotoluene	14.133	165	73721	46.481	ng	98
52) Acenaphthene	14.627	154	284365m	45.240	ng	
53) 3-Nitroaniline	14.462	138	57785	32.329	ng	96
54) 2,4-Dinitrophenol	14.668	184	73782	86.913	ng	99
55) Dibenzofuran	14.962	168	410560	40.622	ng	99
56) 4-Nitrophenol	14.768	139	140010	98.566	ng	98
57) 2,4-Dinitrotoluene	14.921	165	104482	48.578	ng	98
58) Fluorene	15.608	166	332196	41.522	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.179	232	100679	45.530	ng	98
60) Diethylphthalate	15.379	149	372005	42.100	ng	99
61) 4-Chlorophenyl-phenyle...	15.602	204	171378	40.287	ng	99
62) 4-Nitroaniline	15.632	138	79284	43.510	ng	99
63) Azobenzene	15.896	77	374708	41.456	ng	99
65) 4,6-Dinitro-2-methylph...	15.679	198	53203	42.050	ng	100
66) n-Nitrosodiphenylamine	15.814	169	302391	40.867	ng	97
67) 4-Bromophenyl-phenylether	16.495	248	118376	39.814	ng	96
68) Hexachlorobenzene	16.607	284	127908	42.200	ng	99
69) Atrazine	16.766	200	124948	49.192	ng	97
70) Pentachlorophenol	16.948	266	170125	75.975	ng	98
71) Phenanthrene	17.347	178	561829	41.390	ng	99
72) Anthracene	17.435	178	566112	40.842	ng	100
73) Carbazole	17.706	167	537460	42.054	ng	99
74) Di-n-butylphthalate	18.270	149	641040	42.362	ng	100
75) Fluoranthene	19.357	202	659357	40.774	ng	99
77) Benzidine	19.539	184	309606	56.140	ng	99
78) Pyrene	19.715	202	679424	40.484	ng	99
80) Butylbenzylphthalate	20.608	149	273128	42.782	ng	99
81) Benzo(a)anthracene	21.536	228	667380	41.346	ng	100
82) 3,3'-Dichlorobenzidine	21.454	252	183297	33.387	ng	99
83) Chrysene	21.601	228	614155	39.647	ng	99
84) Bis(2-ethylhexyl)phtha...	21.454	149	392653	42.361	ng	100
85) Di-n-octyl phthalate	22.647	149	704295	43.320	ng	100
87) Indeno(1,2,3-cd)pyrene	28.293	276	820915	43.796	ng	98
88) Benzo(b)fluoranthene	23.704	252	702067	44.688	ng	97
89) Benzo(k)fluoranthene	23.775	252	678888	42.429	ng	99
90) Benzo(a)pyrene	24.556	252	622701	40.359	ng	97
91) Dibenzo(a,h)anthracene	28.364	278	678399	43.620	ng	99
92) Benzo(g,h,i)perylene	29.421	276	669283	42.979	ng	100

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

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