

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030123\
 Data File : BP013917.D
 Acq On : 01 Mar 2023 13:13
 Operator : CG/JU
 Sample : PB151118BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

PB151118BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/02/2023

Supervised By :Jagrut Upadhyay 03/03/2023

Quant Time: Mar 02 04:47:14 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Mar 02 04:26:35 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	118970	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	448020	20.000	ng	0.00
39) Acenaphthene-d10	14.733	164	285407	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	608906	20.000	ng	0.00
76) Chrysene-d12	21.563	240	612511	20.000	ng	0.00
86) Perylene-d12	24.109	264	642801	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	951235	131.776	ng	0.00
7) Phenol-d6	7.252	99	1178801	127.506	ng	0.00
23) Nitrobenzene-d5	9.269	82	750584	90.468	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	561620	135.181	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	1714741	78.914	ng	0.00
79) Terphenyl-d14	20.021	244	2838805	89.171	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.487	88	103928	33.124	ng	98
3) Pyridine	3.899	79	282237	33.368	ng	98
4) n-Nitrosodimethylamine	3.805	42	144199	45.492	ng	# 87
6) Aniline	7.416	93	191777	15.965	ng	95
8) 2-Chlorophenol	7.657	128	328655	43.164	ng	99
10) Phenol	7.281	94	417776	43.415	ng	90
11) bis(2-Chloroethyl)ether	7.510	93	312840	40.622	ng	97
12) 1,3-Dichlorobenzene	7.981	146	366160	42.768	ng	97
13) 1,4-Dichlorobenzene	8.134	146	376361	43.519	ng	98
14) 1,2-Dichlorobenzene	8.451	146	360061	44.601	ng	98
15) Benzyl Alcohol	8.340	79	310910m	47.933	ng	
16) 2,2'-oxybis(1-Chloropr...	8.622	45	338821m	41.187	ng	
17) 2-Methylphenol	8.540	107	276389	42.207	ng	94
18) Hexachloroethane	9.187	117	136208	44.963	ng	95
19) n-Nitroso-di-n-propyla...	8.910	70	240856	44.513	ng	98
20) 3+4-Methylphenols	8.869	107	364820	41.392	ng	96
22) Acetophenone	8.928	105	494616	43.770	ng	97
24) Nitrobenzene	9.310	77	375546	43.376	ng	98
25) Isophorone	9.840	82	667135	41.726	ng	98
26) 2-Nitrophenol	10.028	139	174372	43.043	ng	# 90
27) 2,4-Dimethylphenol	10.081	122	291212	43.553	ng	96
28) bis(2-Chloroethoxy)met...	10.322	93	398887	39.083	ng	99
29) 2,4-Dichlorophenol	10.563	162	317936	44.319	ng	97
30) 1,2,4-Trichlorobenzene	10.781	180	357456	42.462	ng	100
31) Naphthalene	10.975	128	950019	38.676	ng	99
32) Benzoic acid	10.216	122	215815	41.681	ng	94
33) 4-Chloroaniline	11.081	127	127095	12.322	ng	96
34) Hexachlorobutadiene	11.251	225	257214	45.979	ng	99
35) Caprolactam	11.875	113	89401	39.033	ng	97
36) 4-Chloro-3-methylphenol	12.192	107	336477	42.092	ng	94
37) 2-Methylnaphthalene	12.569	142	667761	37.555	ng	97
38) 1-Methylnaphthalene	12.787	142	627854	37.729	ng	98
40) 1,2,4,5-Tetrachloroben...	12.934	216	427653	41.548	ng	98
41) Hexachlorocyclopentadiene	12.910	237	586422	107.259	ng	98
43) 2,4,6-Trichlorophenol	13.169	196	274440	42.622	ng	99
44) 2,4,5-Trichlorophenol	13.245	196	295023	38.551	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.569	154	890357	38.597	ng	98
47) 2-Chloronaphthalene	13.616	162	697856	39.708	ng	99
48) 2-Nitroaniline	13.816	65	197296	40.096	ng	96
49) Acenaphthylene	14.457	152	1064515	38.425	ng	100
50) Dimethylphthalate	14.186	163	889579	38.304	ng	100
51) 2,6-Dinitrotoluene	14.304	165	194613	38.729	ng	95
52) Acenaphthene	14.798	154	642284	38.099	ng	99
53) 3-Nitroaniline	14.639	138	133643	26.244	ng	98
54) 2,4-Dinitrophenol	14.845	184	271579	81.263	ng	95
55) Dibenzofuran	15.133	168	1065807	37.997	ng	97
56) 4-Nitrophenol	14.945	139	313786	75.586	ng	# 83
57) 2,4-Dinitrotoluene	15.092	165	265816	39.334	ng	93
58) Fluorene	15.781	166	843087	38.333	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.357	232	265416	40.287	ng	99
60) Diethylphthalate	15.545	149	881363	38.918	ng	100
61) 4-Chlorophenyl-phenyle...	15.769	204	467505	39.231	ng	100
62) 4-Nitroaniline	15.804	138	183289	34.479	ng	85
63) Azobenzene	16.063	77	800091	39.049	ng	96
65) 4,6-Dinitro-2-methylph...	15.857	198	169832	40.362	ng	97
66) n-Nitrosodiphenylamine	15.986	169	734815	39.841	ng	99
67) 4-Bromophenyl-phenylether	16.669	248	307200	42.744	ng	98
68) Hexachlorobenzene	16.786	284	356533	45.446	ng	100
69) Atrazine	16.933	200	23971	3.812	ng	98
70) Pentachlorophenol	17.133	266	455962	78.831	ng	98
71) Phenanthrene	17.533	178	1342959	39.369	ng	100
72) Anthracene	17.622	178	1350136	39.583	ng	99
73) Carbazole	17.886	167	1196069	38.951	ng	99
74) Di-n-butylphthalate	18.416	149	1483622	41.238	ng	99
75) Fluoranthene	19.480	202	1606424	37.776	ng	98
77) Benzidine	19.657	184	375105	30.824	ng	100
78) Pyrene	19.833	202	1674413	40.003	ng	99
80) Butylbenzylphthalate	20.686	149	648791	43.611	ng	100
81) Benzo(a)anthracene	21.545	228	1679330	38.287	ng	99
82) 3,3'-Dichlorobenzidine	21.474	252	574825	41.656	ng	99
83) Chrysene	21.604	228	1593475	37.502	ng	100
84) Bis(2-ethylhexyl)phtha...	21.445	149	975429	42.055	ng	100
85) Di-n-octyl phthalate	22.415	149	1660234	40.171	ng	100
87) Indeno(1,2,3-cd)pyrene	26.798	276	2297098	45.938	ng	96
88) Benzo(b)fluoranthene	23.327	252	1800507	44.289	ng	# 98
89) Benzo(k)fluoranthene	23.380	252	1812863	43.930	ng	98
90) Benzo(a)pyrene	23.998	252	1605956	40.861	ng	99
91) Dibenzo(a,h)anthracene	26.815	278	1978759	47.231	ng	# 97
92) Benzo(g,h,i)perylene	27.627	276	1963291	47.391	ng	96

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

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