

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062921\
 Data File : BP006092.D
 Acq On : 29 Jun 2021 15:15
 Operator : CG/JU
 Sample : PB137373BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB137373BS

Manual Integrations
 APPROVED

mohammad
 6/30/2021 2:13:48 PM

Quant Time: Jun 29 15:48:43 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 11:34:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	82305	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	314457	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	178367	20.000	ng	0.00
64) Phenanthrene-d10	17.281	188	362528	20.000	ng	0.00
76) Chrysene-d12	21.363	240	424077	20.000	ng	0.00
86) Perylene-d12	23.763	264	468879	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	699026	136.283	ng	0.00
7) Phenol-d6	7.087	99	830892	124.980	ng	0.00
23) Nitrobenzene-d5	9.069	82	521410	81.293	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	386314	126.209	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1156632	85.151	ng	0.00
79) Terphenyl-d14	19.833	244	1768717	78.097	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	73077	31.535	ng	98
3) Pyridine	3.758	79	184226	33.826	ng	98
4) n-Nitrosodimethylamine	3.664	42	91397	36.102	ng	# 81
6) Aniline	7.234	93	277675	37.411	ng	99
8) 2-Chlorophenol	7.475	128	259854	44.185	ng	98
9) Benzaldehyde	7.046	77	129290	45.619	ng	99
10) Phenol	7.116	94	299937	45.162	ng	96
11) bis(2-Chloroethyl)ether	7.328	93	218912	43.498	ng	98
12) 1,3-Dichlorobenzene	7.793	146	269833	41.033	ng	98
13) 1,4-Dichlorobenzene	7.940	146	277872	41.435	ng	99
14) 1,2-Dichlorobenzene	8.258	146	263639	41.128	ng	99
15) Benzyl Alcohol	8.152	79	217877	43.510	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.440	45	194357	41.778	ng	98
17) 2-Methylphenol	8.363	107	203540	44.980	ng	97
18) Hexachloroethane	8.981	117	100189	41.301	ng	91
19) n-Nitroso-di-n-propyla...	8.716	70	166711	40.761	ng	95
20) 3+4-Methylphenols	8.693	107	270258	44.214	ng	95
22) Acetophenone	8.734	105	355648	42.969	ng	98
24) Nitrobenzene	9.116	77	255103	38.302	ng	96
25) Isophorone	9.646	82	446313	37.680	ng	99
26) 2-Nitrophenol	9.822	139	134008	42.169	ng	95
27) 2,4-Dimethylphenol	9.893	122	219534	46.371	ng	96
28) bis(2-Chloroethoxy)met...	10.122	93	276436	44.718	ng	99
29) 2,4-Dichlorophenol	10.369	162	228989	40.248	ng	99
30) 1,2,4-Trichlorobenzene	10.569	180	245678	38.430	ng	98
31) Naphthalene	10.757	128	723067	39.741	ng	99
32) Benzoic acid	10.093	122	134493	39.243	ng	98
33) 4-Chloroaniline	10.881	127	189758	25.817	ng	98
34) Hexachlorobutadiene	11.034	225	163118	37.723	ng	99
35) Caprolactam	11.693	113	68243m	41.642	ng	
36) 4-Chloro-3-methylphenol	12.010	107	237882	41.177	ng	97
37) 2-Methylnaphthalene	12.369	142	508370	39.244	ng	99
38) 1-Methylnaphthalene	12.587	142	467274	38.295	ng	99
40) 1,2,4,5-Tetrachloroben...	12.734	216	270820	43.135	ng	99
41) Hexachlorocyclopentadiene	12.710	237	212767	68.311	ng	99
43) 2,4,6-Trichlorophenol	12.981	196	176449	40.974	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062921\
 Data File : BP006092.D
 Acq On : 29 Jun 2021 15:15
 Operator : CG/JU
 Sample : PB137373BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB137373BS

Manual Integrations
 APPROVED

mohammad
 6/30/2021 2:13:48 PM

Quant Time: Jun 29 15:48:43 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 11:34:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	188295	40.600	ng	97
46) 1,1'-Biphenyl	13.375	154	633576	44.055	ng	99
47) 2-Chloronaphthalene	13.416	162	491631	41.864	ng	98
48) 2-Nitroaniline	13.628	65	135415	43.856	ng	98
49) Acenaphthylene	14.257	152	765351	42.480	ng	100
50) Dimethylphthalate	13.998	163	614771	41.920	ng	99
51) 2,6-Dinitrotoluene	14.122	165	136855	41.057	ng	99
52) Acenaphthene	14.598	154	448647	41.005	ng	99
53) 3-Nitroaniline	14.457	138	100744	31.184	ng	98
54) 2,4-Dinitrophenol	14.675	184	148861	75.386	ng	98
55) Dibenzofuran	14.934	168	714594	39.715	ng	97
56) 4-Nitrophenol	14.787	139	202131	77.189	ng	95
57) 2,4-Dinitrotoluene	14.916	165	188057	42.182	ng	98
58) Fluorene	15.581	166	577565	41.198	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	161758m	39.575	ng	
60) Diethylphthalate	15.357	149	614507	41.764	ng	99
61) 4-Chlorophenyl-phenyle...	15.575	204	294233	40.474	ng	98
62) 4-Nitroaniline	15.622	138	136133	40.939	ng	92
63) Azobenzene	15.869	77	535861	40.255	ng	96
65) 4,6-Dinitro-2-methylph...	15.687	198	99255	37.256	ng	98
66) n-Nitrosodiphenylamine	15.792	169	500361	41.621	ng	99
67) 4-Bromophenyl-phenylether	16.469	248	189772	40.784	ng	97
68) Hexachlorobenzene	16.592	284	228640	40.994	ng	98
69) Atrazine	16.751	200	193176	51.647	ng	99
70) Pentachlorophenol	16.945	266	251384	81.060	ng	98
71) Phenanthrene	17.328	178	889411	40.852	ng	99
72) Anthracene	17.416	178	905299	42.250	ng	99
73) Carbazole	17.692	167	822134	39.964	ng	99
74) Di-n-butylphthalate	18.233	149	1040071	43.637	ng	99
75) Fluoranthene	19.286	202	1066855	40.351	ng	98
77) Benzidine	19.469	184	479969	54.392	ng	100
78) Pyrene	19.639	202	1106690	37.381	ng	99
80) Butylbenzylphthalate	20.504	149	507608	41.675	ng	98
81) Benzo(a)anthracene	21.345	228	1190447	38.888	ng	100
82) 3,3'-Dichlorobenzidine	21.274	252	381232	36.021	ng	97
83) Chrysene	21.398	228	1170151	39.466	ng	100
84) Bis(2-ethylhexyl)phtha...	21.257	149	767166	42.947	ng	99
85) Di-n-octyl phthalate	22.174	149	1388068	43.437	ng	99
87) Indeno(1,2,3-cd)pyrene	26.304	276	1753039	43.721	ng	98
88) Benzo(b)fluoranthene	23.027	252	1341004	41.757	ng	98
89) Benzo(k)fluoranthene	23.074	252	1333534	42.823	ng	99
90) Benzo(a)pyrene	23.657	252	1317304	43.631	ng	# 98
91) Dibenzo(a,h)anthracene	26.309	278	1499434	43.448	ng	98
92) Benzo(g,h,i)perylene	27.080	276	1500430	44.012	ng	98

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

