

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
 Data File : BP007227.D
 Acq On : 28 Sep 2021 12:57
 Operator : CG/JU
 Sample : PB139420BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB139420BS

Manual Integrations
 APPROVED

mohammad
 9/29/2021 12:55:30 PM

Quant Time: Sep 28 14:19:12 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 23 11:17:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	215553	20.000	ng	-0.01
21) Naphthalene-d8	10.687	136	850405	20.000	ng	# 0.00
39) Acenaphthene-d10	14.522	164	530255	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	1087918	20.000	ng	0.00
76) Chrysene-d12	21.363	240	1008706	20.000	ng	0.00
86) Perylene-d12	23.780	264	1063883	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	1475615	114.593	ng	0.00
7) Phenol-d6	7.063	99	1763900	100.224	ng	0.00
23) Nitrobenzene-d5	9.046	82	1048277	71.787	ng	-0.01
42) 2,4,6-Tribromophenol	16.016	330	850079	123.657	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	2614906	70.649	ng	0.00
79) Terphenyl-d14	19.833	244	3922411	74.515	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	129365	24.843	ng	# 88
3) Pyridine	3.752	79	305813	21.461	ng	# 88
4) n-Nitrosodimethylamine	3.652	42	191037	39.106	ng	# 86
6) Aniline	7.205	93	692266	35.684	ng	100
8) 2-Chlorophenol	7.446	128	563750	40.283	ng	98
9) Benzaldehyde	7.022	77	293712m	29.626	ng	
10) Phenol	7.087	94	658842	38.828	ng	94
11) bis(2-Chloroethyl)ether	7.305	93	494660	36.932	ng	94
12) 1,3-Dichlorobenzene	7.769	146	590245	37.390	ng	96
13) 1,4-Dichlorobenzene	7.916	146	608507	37.811	ng	98
14) 1,2-Dichlorobenzene	8.234	146	592142	37.970	ng	97
15) Benzyl Alcohol	8.128	79	459158	40.734	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.416	45	568603	37.075	ng	89
17) 2-Methylphenol	8.334	107	448071	39.171	ng	93
18) Hexachloroethane	8.957	117	206012	38.128	ng	90
19) n-Nitroso-di-n-propyla...	8.693	70	346288	36.176	ng	98
20) 3+4-Methylphenols	8.663	107	601086	38.003	ng	93
22) Acetophenone	8.710	105	782617	38.194	ng	99
24) Nitrobenzene	9.087	77	544287	39.094	ng	96
25) Isophorone	9.616	82	950217	37.317	ng	98
26) 2-Nitrophenol	9.799	139	303343	41.784	ng	90
27) 2,4-Dimethylphenol	9.863	122	487380	42.638	ng	99
28) bis(2-Chloroethoxy)met...	10.099	93	614791	34.223	ng	99
29) 2,4-Dichlorophenol	10.340	162	534274	40.068	ng	97
30) 1,2,4-Trichlorobenzene	10.552	180	588525	38.743	ng	99
31) Naphthalene	10.734	128	1626086	37.466	ng	100
32) Benzoic acid	10.034	122	315980	35.966	ng	97
33) 4-Chloroaniline	10.846	127	540711	30.156	ng	99
34) Hexachlorobutadiene	11.016	225	377941	41.554	ng	99
35) Caprolactam	11.657	113	157858m	38.482	ng	
36) 4-Chloro-3-methylphenol	11.981	107	516891	38.137	ng	100
37) 2-Methylnaphthalene	12.346	142	1162957	38.267	ng	97
38) 1-Methylnaphthalene	12.563	142	1072965	36.134	ng	99
40) 1,2,4,5-Tetrachloroben...	12.716	216	661114	40.713	ng	98
41) Hexachlorocyclopentadiene	12.687	237	694856	77.208	ng	98
43) 2,4,6-Trichlorophenol	12.957	196	439722	39.686	ng	97

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44) 2,4,5-Trichlorophenol	13.034	196	474596	39.776	ng	95
46) 1,1'-Biphenyl	13.357	154	1423114	36.082	ng	100
47) 2-Chloronaphthalene	13.398	162	1155913	37.834	ng	98
48) 2-Nitroaniline	13.604	65	304424	40.868	ng	93
49) Acenaphthylene	14.245	152	1800984	38.272	ng	100
50) Dimethylphthalate	13.981	163	1417972	37.181	ng	100
51) 2,6-Dinitrotoluene	14.098	165	317917	40.809	ng	92
52) Acenaphthene	14.587	154	1057179	37.080	ng	99
53) 3-Nitroaniline	14.428	138	280509	33.302	ng	96
54) 2,4-Dinitrophenol	14.645	184	376121	83.813	ng	92
55) Dibenzofuran	14.922	168	1721802	36.197	ng	96
56) 4-Nitrophenol	14.751	139	541748	79.223	ng	86
57) 2,4-Dinitrotoluene	14.892	165	439217	42.724	ng	89
58) Fluorene	15.569	166	1371387	37.319	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.151	232	408879	39.025	ng	95
60) Diethylphthalate	15.339	149	1374438	37.193	ng	98
61) 4-Chlorophenyl-phenyle...	15.563	204	720453	37.100	ng	92
62) 4-Nitroaniline	15.592	138	328249	38.749	ng	# 84
63) Azobenzene	15.857	77	1138526	35.553	ng	92
65) 4,6-Dinitro-2-methylph...	15.657	198	247068	37.844	ng	97
66) n-Nitrosodiphenylamine	15.781	169	1211472	37.425	ng	100
67) 4-Bromophenyl-phenylether	16.457	248	471166	39.516	ng	93
68) Hexachlorobenzene	16.581	284	552367	41.917	ng	94
69) Atrazine	16.739	200	458289	40.165	ng	100
70) Pentachlorophenol	16.928	266	638433	78.013	ng	99
71) Phenanthrene	17.316	178	2163215	37.084	ng	100
72) Anthracene	17.410	178	2191822	38.410	ng	99
73) Carbazole	17.681	167	1992420	35.631	ng	99
74) Di-n-butylphthalate	18.228	149	2334065	37.665	ng	99
75) Fluoranthene	19.286	202	2541336	37.813	ng	99
77) Benzidine	19.463	184	1147320	37.011	ng	99
78) Pyrene	19.633	202	2570742	38.845	ng	99
80) Butylbenzylphthalate	20.504	149	1015644	38.322	ng	94
81) Benzo(a)anthracene	21.345	228	2424668	37.032	ng	100
82) 3,3'-Dichlorobenzidine	21.274	252	948553	42.184	ng	98
83) Chrysene	21.398	228	2340293	37.399	ng	99
84) Bis(2-ethylhexyl)phtha...	21.263	149	1402639	36.811	ng	98
85) Di-n-octyl phthalate	22.192	149	2474223	38.140	ng	99
87) Indeno(1,2,3-cd)pyrene	26.327	276	3355417	43.887	ng	99
88) Benzo(b)fluoranthene	23.039	252	2578094	40.549	ng	99
89) Benzo(k)fluoranthene	23.092	252	2589397	40.225	ng	99
90) Benzo(a)pyrene	23.674	252	2604867	48.224	ng	99
91) Dibenzo(a,h)anthracene	26.345	278	2890164	45.108	ng	100
92) Benzo(g,h,i)perylene	27.109	276	2903302	46.433	ng	99

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

