

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
 Data File : BF125181.D
 Acq On : 24 Aug 2021 12:45
 Operator : JU/CG
 Sample : PB138616BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138616BS

Manual Integrations
 APPROVED

mohammad
 8/25/2021 3:34:30 PM

Quant Time: Aug 24 14:01:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	147135	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	549589	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	264156	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	432047	20.000	ng	0.00
76) Chrysene-d12	14.086	240	303012	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	316479	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1007303	103.623	ng	0.01
7) Phenol-d6	6.540	99	1205804	95.911	ng	0.00
23) Nitrobenzene-d5	7.481	82	798734	73.166	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	318671	120.852	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1410502	74.420	ng	0.00
79) Terphenyl-d14	13.027	244	1377636	72.429	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.793	88	167669	34.955	ng	# 100
3) Pyridine	3.546	79	385434	30.438	ng	90
4) n-Nitrosodimethylamine	3.505	42	257633	40.659	ng	# 56
6) Aniline	6.575	93	470885	31.886	ng	# 93
8) 2-Chlorophenol	6.698	128	378924	38.211	ng	# 80
9) Benzaldehyde	6.469	77	262360	29.736	ng	93
10) Phenol	6.557	94	501096	38.060	ng	99
11) bis(2-Chloroethyl)ether	6.651	93	410015	39.542	ng	87
12) 1,3-Dichlorobenzene	6.857	146	455352	39.626	ng	96
13) 1,4-Dichlorobenzene	6.934	146	461286	40.286	ng	97
14) 1,2-Dichlorobenzene	7.087	146	434832	40.365	ng	98
15) Benzyl Alcohol	7.051	79	348069	35.958	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.187	45	811535	39.026	ng	98
17) 2-Methylphenol	7.163	107	306071	36.742	ng	# 93
18) Hexachloroethane	7.428	117	164834	41.111	ng	90
19) n-Nitroso-di-n-propyla...	7.328	70	283110	37.439	ng	# 81
20) 3+4-Methylphenols	7.316	107	374412	35.806	ng	88
22) Acetophenone	7.322	105	544385	38.488	ng	# 89
24) Nitrobenzene	7.498	77	440768	37.054	ng	# 88
25) Isophorone	7.734	82	759847	36.081	ng	# 88
26) 2-Nitrophenol	7.816	139	188547	39.696	ng	# 88
27) 2,4-Dimethylphenol	7.845	122	334618	40.242	ng	88
28) bis(2-Chloroethoxy)met...	7.945	93	469952	40.303	ng	# 97
29) 2,4-Dichlorophenol	8.051	162	311084	36.683	ng	94
30) 1,2,4-Trichlorobenzene	8.140	180	364717	39.440	ng	94
31) Naphthalene	8.222	128	1052537	37.395	ng	98
32) Benzoic acid	7.957	122	185610	32.887	ng	# 83
33) 4-Chloroaniline	8.263	127	184188	16.599	ng	# 91
34) Hexachlorobutadiene	8.334	225	241170	40.901	ng	100
35) Caprolactam	8.628	113	85281m	38.826	ng	
36) 4-Chloro-3-methylphenol	8.739	107	327682	37.851	ng	89
37) 2-Methylnaphthalene	8.910	142	703408	37.819	ng	99
38) 1-Methylnaphthalene	9.010	142	643339	37.041	ng	96
40) 1,2,4,5-Tetrachloroben...	9.075	216	347693	40.287	ng	98
41) Hexachlorocyclopentadiene	9.063	237	445552	98.263	ng	97
43) 2,4,6-Trichlorophenol	9.187	196	230360	37.908	ng	97

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44) 2,4,5-Trichlorophenol	9.222	196	241324	37.747	ng	95
46) 1,1'-Biphenyl	9.375	154	786618	36.937	ng	98
47) 2-Chloronaphthalene	9.398	162	661267	38.210	ng	98
48) 2-Nitroaniline	9.492	65	206510	38.495	ng	# 84
49) Acenaphthylene	9.816	152	963994	38.226	ng	98
50) Dimethylphthalate	9.675	163	726975	39.713	ng	# 97
51) 2,6-Dinitrotoluene	9.734	165	147146	37.071	ng	# 83
52) Acenaphthene	9.986	154	651725	41.687	ng	97
53) 3-Nitroaniline	9.898	138	92088	21.513	ng	# 71
54) 2,4-Dinitrophenol	10.010	184	130576	83.281	ng	# 86
55) Dibenzofuran	10.163	168	832117	36.984	ng	97
56) 4-Nitrophenol	10.057	139	238223	70.277	ng	# 74
57) 2,4-Dinitrotoluene	10.139	165	187806	39.093	ng	# 94
58) Fluorene	10.504	166	642718	38.639	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.275	232	189672	39.977	ng	# 86
60) Diethylphthalate	10.369	149	704300	39.465	ng	100
61) 4-Chlorophenyl-phenyle...	10.492	204	335437	39.884	ng	89
62) 4-Nitroaniline	10.516	138	140586	36.523	ng	85
63) Azobenzene	10.651	77	724750	36.206	ng	91
65) 4,6-Dinitro-2-methylph...	10.545	198	86202	37.698	ng	84
66) n-Nitrosodiphenylamine	10.610	169	597676	38.634	ng	97
67) 4-Bromophenyl-phenylether	10.986	248	215638	41.564	ng	# 89
68) Hexachlorobenzene	11.051	284	229306	42.964	ng	# 85
69) Atrazine	11.133	200	194193	43.745	ng	92
70) Pentachlorophenol	11.239	266	246784	79.189	ng	91
71) Phenanthrene	11.469	178	919411	38.621	ng	98
72) Anthracene	11.516	178	943309	40.201	ng	99
73) Carbazole	11.669	167	790065	36.846	ng	99
74) Di-n-butylphthalate	11.998	149	1021102	40.129	ng	100
75) Fluoranthene	12.657	202	927351	39.259	ng	97
77) Benzidine	12.775	184	505673	47.783	ng	97
78) Pyrene	12.886	202	949980	36.548	ng	97
80) Butylbenzylphthalate	13.498	149	398834	39.050	ng	92
81) Benzo(a)anthracene	14.074	228	836059	38.295	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	178565	26.385	ng	# 98
83) Chrysene	14.110	228	816506	37.817	ng	98
84) Bis(2-ethylhexyl)phtha...	14.057	149	570553	40.645	ng	# 99
85) Di-n-octyl phthalate	14.674	149	985942	42.230	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	1079455	47.345	ng	# 89
88) Benzo(b)fluoranthene	15.139	252	861568	37.263	ng	# 94
89) Benzo(k)fluoranthene	15.168	252	856821	39.712	ng	99
90) Benzo(a)pyrene	15.516	252	859771	42.096	ng	# 96
91) Dibenzo(a,h)anthracene	17.115	278	900029	45.668	ng	# 94
92) Benzo(g,h,i)perylene	17.557	276	932522	49.073	ng	# 87

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

