

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
 Data File : BF125324.D
 Acq On : 2 Sep 2021 16:59
 Operator : JU/CG
 Sample : M3637-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 117-P1MS

Manual Integrations
 APPROVED

mohammad
 9/3/2021 3:30:36 PM

Quant Time: Sep 02 17:24:22 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	6.910	152	167981	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	658158	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	360908	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	692222	20.000	ng	0.00
76) Chrysene-d12	14.086	240	472874	20.000	ng	0.00
86) Perylene-d12	15.586	264	363895	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1131656	101.968	ng	0.00
7) Phenol-d6	6.545	99	1509018	105.133	ng	0.00
23) Nitrobenzene-d5	7.475	82	1006874	77.018	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	516100	143.255	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1762559	68.065	ng	0.00
79) Terphenyl-d14	13.027	244	2173888	73.237	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	215664	39.381	ng	# 100
3) Pyridine	3.505	79	505055	34.935	ng	# 91
4) n-Nitrosodimethylamine	3.463	42	300135	41.488	ng	# 29
6) Aniline	6.575	93	667809	39.609	ng	# 93
8) 2-Chlorophenol	6.698	128	519562	45.891	ng	85
9) Benzaldehyde	6.463	77	370081	36.739	ng	94
10) Phenol	6.557	94	693106	46.111	ng	93
11) bis(2-Chloroethyl)ether	6.645	93	542783	45.850	ng	87
12) 1,3-Dichlorobenzene	6.851	146	559838	42.672	ng	97
13) 1,4-Dichlorobenzene	6.928	146	571861	43.746	ng	98
14) 1,2-Dichlorobenzene	7.081	146	555343	45.155	ng	99
15) Benzyl Alcohol	7.051	79	507257	45.900	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1009144	42.506	ng	95
17) 2-Methylphenol	7.163	107	446850	46.985	ng	95
18) Hexachloroethane	7.422	117	202982	44.342	ng	# 83
19) n-Nitroso-di-n-propyla...	7.328	70	378579	43.851	ng	# 75
20) 3+4-Methylphenols	7.316	107	503306	42.159	ng	# 77
22) Acetophenone	7.322	105	712788	42.081	ng	# 90
24) Nitrobenzene	7.498	77	603373	42.357	ng	92
25) Isophorone	7.734	82	1097423	43.514	ng	# 89
26) 2-Nitrophenol	7.810	139	287234	50.497	ng	# 80
27) 2,4-Dimethylphenol	7.845	122	464018	46.598	ng	89
28) bis(2-Chloroethoxy)met...	7.939	93	673337	48.220	ng	# 97
29) 2,4-Dichlorophenol	8.051	162	460996	45.394	ng	95
30) 1,2,4-Trichlorobenzene	8.134	180	477595	43.127	ng	95
31) Naphthalene	8.216	128	1404672	41.673	ng	99
32) Benzoic acid	7.969	122	252387	37.343	ng	85
33) 4-Chloroaniline	8.263	127	225342	16.958	ng	# 92
34) Hexachlorobutadiene	8.328	225	303483	42.978	ng	99
35) Caprolactam	8.645	113	162271m	61.691	ng	
36) 4-Chloro-3-methylphenol	8.751	107	515997	49.771	ng	92
37) 2-Methylnaphthalene	8.910	142	988207	44.367	ng	100
38) 1-Methylnaphthalene	9.010	142	916381	44.058	ng	95
40) 1,2,4,5-Tetrachloroben...	9.075	216	498140	42.246	ng	98
41) Hexachlorocyclopentadiene	9.057	237	599086	96.704	ng	99
43) 2,4,6-Trichlorophenol	9.186	196	357086	43.009	ng	96

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44) 2,4,5-Trichlorophenol	9.228	196	387488	44.361	ng	95
46) 1,1'-Biphenyl	9.375	154	1155983	39.729	ng	99
47) 2-Chloronaphthalene	9.398	162	975527	41.257	ng	97
48) 2-Nitroaniline	9.498	65	369858	50.461	ng	86
49) Acenaphthylene	9.816	152	1495487	43.404	ng	98
50) Dimethylphthalate	9.675	163	1180888	47.215	ng	# 98
51) 2,6-Dinitrotoluene	9.739	165	263078	48.510	ng	90
52) Acenaphthene	9.986	154	865224	40.507	ng	98
53) 3-Nitroaniline	9.910	138	187243	32.016	ng	84
54) 2,4-Dinitrophenol	10.016	184	273532	127.689	ng	# 84
55) Dibenzofuran	10.163	168	1288321	41.910	ng	97
56) 4-Nitrophenol	10.081	139	442847	95.620	ng	# 81
57) 2,4-Dinitrotoluene	10.145	165	354133	53.954	ng	# 99
58) Fluorene	10.504	166	1035094	45.546	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.275	232	308936	47.659	ng	# 85
60) Diethylphthalate	10.375	149	1158620	47.518	ng	98
61) 4-Chlorophenyl-phenyle...	10.492	204	530320	46.152	ng	# 86
62) 4-Nitroaniline	10.528	138	298825	56.821	ng	# 82
63) Azobenzene	10.651	77	1197269	43.778	ng	91
65) 4,6-Dinitro-2-methylph...	10.551	198	189821	51.812	ng	95
66) n-Nitrosodiphenylamine	10.616	169	991576	40.005	ng	96
67) 4-Bromophenyl-phenylether	10.980	248	365213	43.936	ng	95
68) Hexachlorobenzene	11.051	284	391028	45.728	ng	# 85
69) Atrazine	11.139	200	347089	48.800	ng	92
70) Pentachlorophenol	11.245	266	410989	82.313	ng	92
71) Phenanthrene	11.469	178	1592489	41.752	ng	96
72) Anthracene	11.522	178	1637217	43.549	ng	97
73) Carbazole	11.675	167	1453709	42.314	ng	99
74) Di-n-butylphthalate	11.998	149	1798966	44.126	ng	100
75) Fluoranthene	12.657	202	1742248	46.035	ng	97
77) Benzidine	12.780	184	973148	58.925	ng	98
78) Pyrene	12.886	202	1770467	43.647	ng	95
80) Butylbenzylphthalate	13.498	149	746944	46.864	ng	87
81) Benzo(a)anthracene	14.074	228	1476617	43.339	ng	98
82) 3,3'-Dichlorobenzidine	14.033	252	243058	23.014	ng	99
83) Chrysene	14.116	228	1426296	42.330	ng	97
84) Bis(2-ethylhexyl)phtha...	14.057	149	982844	44.865	ng	# 99
85) Di-n-octyl phthalate	14.668	149	1453792	39.901	ng	98
87) Indeno(1,2,3-cd)pyrene	17.110	276	1246538	47.549	ng	# 90
88) Benzo(b)fluoranthene	15.145	252	1181699	44.449	ng	# 95
89) Benzo(k)fluoranthene	15.174	252	1145609	46.179	ng	100
90) Benzo(a)pyrene	15.527	252	1107343	47.153	ng	# 96
91) Dibenzo(a,h)anthracene	17.127	278	1022639	45.128	ng	# 94
92) Benzo(g,h,i)perylene	17.574	276	1069510	48.948	ng	# 87

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

