

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
 Data File : BF125691.D
 Acq On : 28 Sep 2021 16:23
 Operator : JU/CG
 Sample : M3961-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-09(20.21)MS

Manual Integrations
 APPROVED

mohammad
 9/29/2021 12:55:04 PM

Quant Time: Sep 28 17:53:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	204015	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	840205	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	434949	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	732630	20.000	ng	0.00
76) Chrysene-d12	14.045	240	441545	20.000	ng	0.00
86) Perylene-d12	15.515	264	481572	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1468353	118.580	ng	0.00
7) Phenol-d6	6.510	99	1805137	108.432	ng	0.00
23) Nitrobenzene-d5	7.445	82	1046443	86.871	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	503379	124.128	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1924714	78.487	ng	0.00
79) Terphenyl-d14	12.992	244	1763698	69.173	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	225383	42.768	ng	# 100
3) Pyridine	3.457	79	502605	36.058	ng	# 72
4) n-Nitrosodimethylamine	3.404	42	240818	46.562	ng	# 1
6) Aniline	6.545	93	730857	38.022	ng	94
8) 2-Chlorophenol	6.669	128	667731	47.538	ng	99
9) Benzaldehyde	6.434	77	382486	53.315	ng	93
10) Phenol	6.522	94	836553m	49.711	ng	
11) bis(2-Chloroethyl)ether	6.622	93	598336	45.752	ng	95
12) 1,3-Dichlorobenzene	6.828	146	684317	44.121	ng	97
13) 1,4-Dichlorobenzene	6.904	146	693092	43.923	ng	98
14) 1,2-Dichlorobenzene	7.057	146	668678	44.913	ng	100
15) Benzyl Alcohol	7.022	79	502500	43.516	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.163	45	729293	43.810	ng	88
17) 2-Methylphenol	7.134	107	521958	45.316	ng	96
18) Hexachloroethane	7.404	117	243263	47.494	ng	90
19) n-Nitroso-di-n-propyla...	7.298	70	394529	41.623	ng	# 68
20) 3+4-Methylphenols	7.286	107	650124	44.895	ng	96
22) Acetophenone	7.292	105	848603	44.510	ng	# 91
24) Nitrobenzene	7.469	77	622822	50.829	ng	97
25) Isophorone	7.704	82	1094379	40.567	ng	93
26) 2-Nitrophenol	7.781	139	341950	52.573	ng	# 90
27) 2,4-Dimethylphenol	7.816	122	589638	49.146	ng	97
28) bis(2-Chloroethoxy)met...	7.916	93	712948	46.854	ng	98
29) 2,4-Dichlorophenol	8.022	162	540212	45.328	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	563954	43.469	ng	97
31) Naphthalene	8.192	128	1847252	42.819	ng	99
32) Benzoic acid	7.928	122	395538	45.528	ng	97
33) 4-Chloroaniline	8.233	127	263669	14.571	ng	98
34) Hexachlorobutadiene	8.310	225	305741	42.740	ng	99
35) Caprolactam	8.598	113	177794m	45.715	ng	
36) 4-Chloro-3-methylphenol	8.716	107	547820	43.866	ng	99
37) 2-Methylnaphthalene	8.880	142	1242760	42.474	ng	98
38) 1-Methylnaphthalene	8.980	142	1142624	41.322	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	492393	43.529	ng	99
41) Hexachlorocyclopentadiene	9.039	237	590966	123.475	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	380402	47.954	ng	98

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44) 2,4,5-Trichlorophenol	9.192	196	403955	47.166	ng	95
46) 1,1'-Biphenyl	9.345	154	1402724	43.737	ng	96
47) 2-Chloronaphthalene	9.369	162	1177871	44.359	ng	98
48) 2-Nitroaniline	9.463	65	317968	50.529	ng	88
49) Acenaphthylene	9.786	152	1782798	44.600	ng	98
50) Dimethylphthalate	9.645	163	1289041	43.993	ng	98
51) 2,6-Dinitrotoluene	9.704	165	291150	48.704	ng	93
52) Acenaphthene	9.957	154	1199189	47.848	ng	97
53) 3-Nitroaniline	9.869	138	212316	32.267	ng	87
54) 2,4-Dinitrophenol	9.975	184	273114	91.725	ng #	78
55) Dibenzofuran	10.133	168	1611546	42.859	ng	93
56) 4-Nitrophenol	10.027	139	547194	101.379	ng	88
57) 2,4-Dinitrotoluene	10.104	165	397588	52.863	ng #	90
58) Fluorene	10.475	166	1212192	41.418	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	313584	47.574	ng #	89
60) Diethylphthalate	10.345	149	1261351	44.651	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	544608	41.863	ng	90
62) 4-Nitroaniline	10.486	138	318828	47.768	ng #	74
63) Azobenzene	10.622	77	1172896	43.002	ng	85
65) 4,6-Dinitro-2-methylph...	10.510	198	174978	48.869	ng #	83
66) n-Nitrosodiphenylamine	10.580	169	1097573	43.641	ng	96
67) 4-Bromophenyl-phenylether	10.951	248	338436	44.017	ng	95
68) Hexachlorobenzene	11.022	284	402048	44.554	ng #	84
69) Atrazine	11.104	200	331551	49.718	ng	94
70) Pentachlorophenol	11.210	266	457414	95.908	ng	95
71) Phenanthrene	11.433	178	1804940	43.934	ng	97
72) Anthracene	11.486	178	1834887	45.199	ng	97
73) Carbazole	11.639	167	1706317	42.708	ng	98
74) Di-n-butylphthalate	11.969	149	1855506	46.067	ng	99
75) Fluoranthene	12.621	202	1761164	40.111	ng	96
77) Benzidine	12.739	184	741529	63.928	ng	98
78) Pyrene	12.851	202	1778314	44.565	ng	96
80) Butylbenzylphthalate	13.463	149	636991	48.205	ng	95
81) Benzo(a)anthracene	14.033	228	1304822	43.504	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	394364	45.568	ng	98
83) Chrysene	14.074	228	1321006	43.888	ng	96
84) Bis(2-ethylhexyl)phtha...	14.027	149	717679	47.443	ng #	98
85) Di-n-octyl phthalate	14.639	149	1133967	51.110	ng #	89
87) Indeno(1,2,3-cd)pyrene	17.003	276	1599654	48.935	ng	97
88) Benzo(b)fluoranthene	15.086	252	1448814	42.941	ng	98
89) Benzo(k)fluoranthene	15.115	252	1239154	38.333	ng #	97
90) Benzo(a)pyrene	15.457	252	1366315	45.493	ng	98
91) Dibenzo(a,h)anthracene	17.027	278	1329049	48.642	ng	97
92) Benzo(g,h,i)perylene	17.456	276	1373308	49.215	ng	93

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

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