

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090421\
 Data File : BF125367.D
 Acq On : 4 Sep 2021 14:02
 Operator : JU/CG
 Sample : M3648-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20211055-SI-COMPOSITE-4MSD

Manual Integrations
 APPROVED

mohammad
 9/7/2021 11:39:44 AM

Quant Time: Sep 06 08:27:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 11:56:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	148825	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	549423	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	259977	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	423138	20.000	ng	0.00
76) Chrysene-d12	14.068	240	285456	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	328440	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	923747	93.948	ng	0.00
7) Phenol-d6	6.534	99	1136689	89.386	ng	0.00
23) Nitrobenzene-d5	7.463	82	755819	69.256	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	289743	111.648	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1208099	64.766	ng	0.00
79) Terphenyl-d14	13.010	244	1028656	57.408	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	190225	39.207	ng	# 100
3) Pyridine	3.528	79	450910	35.205	ng	# 92
4) n-Nitrosodimethylamine	3.481	42	248125	38.714	ng	# 40
6) Aniline	6.563	93	471919	31.593	ng	# 95
8) 2-Chlorophenol	6.686	128	403715	40.249	ng	83
9) Benzaldehyde	6.451	77	289313	32.418	ng	93
10) Phenol	6.545	94	542529	40.739	ng	96
11) bis(2-Chloroethyl)ether	6.634	93	427840	40.793	ng	87
12) 1,3-Dichlorobenzene	6.839	146	472064	40.613	ng	97
13) 1,4-Dichlorobenzene	6.916	146	480740	41.509	ng	98
14) 1,2-Dichlorobenzene	7.069	146	457073	41.948	ng	99
15) Benzyl Alcohol	7.039	79	375586	38.360	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	786178	37.377	ng	95
17) 2-Methylphenol	7.151	107	343641	40.784	ng	96
18) Hexachloroethane	7.410	117	171820	42.366	ng	# 89
19) n-Nitroso-di-n-propyla...	7.310	70	284584	37.206	ng	# 76
20) 3+4-Methylphenols	7.304	107	383592	36.267	ng	# 71
22) Acetophenone	7.310	105	556196	39.335	ng	# 93
24) Nitrobenzene	7.481	77	465331	39.131	ng	# 87
25) Isophorone	7.722	82	789676	37.508	ng	# 90
26) 2-Nitrophenol	7.798	139	220152	46.364	ng	# 83
27) 2,4-Dimethylphenol	7.833	122	340296	40.937	ng	91
28) bis(2-Chloroethoxy)met...	7.928	93	503038	43.154	ng	# 97
29) 2,4-Dichlorophenol	8.039	162	335568	39.583	ng	95
30) 1,2,4-Trichlorobenzene	8.122	180	375800	40.651	ng	96
31) Naphthalene	8.204	128	1089438	38.718	ng	99
32) Benzoic acid	7.951	122	191394	33.923	ng	# 82
33) 4-Chloroaniline	8.251	127	171992	15.505	ng	# 93
34) Hexachlorobutadiene	8.316	225	244344	41.451	ng	99
35) Caprolactam	8.622	113	94181m	42.891	ng	
36) 4-Chloro-3-methylphenol	8.733	107	338849	39.152	ng	90
37) 2-Methylnaphthalene	8.898	142	743763	40.001	ng	98
38) 1-Methylnaphthalene	8.992	142	670495	38.616	ng	98
40) 1,2,4,5-Tetrachloroben...	9.063	216	373577	43.982	ng	98
41) Hexachlorocyclopentadiene	9.045	237	375373	84.116	ng	97
43) 2,4,6-Trichlorophenol	9.175	196	242573	40.559	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	257781	40.969	ng	92
46) 1,1'-Biphenyl	9.357	154	839255	40.042	ng	98
47) 2-Chloronaphthalene	9.386	162	691759	40.614	ng	96
48) 2-Nitroaniline	9.480	65	231688	43.882	ng	# 82
49) Acenaphthylene	9.804	152	1011324	40.747	ng	98
50) Dimethylphthalate	9.657	163	756003	41.962	ng	# 98
51) 2,6-Dinitrotoluene	9.722	165	164042	41.992	ng	# 88
52) Acenaphthene	9.975	154	674169m	43.816	ng	
53) 3-Nitroaniline	9.892	138	96333	22.866	ng	# 82
54) 2,4-Dinitrophenol	9.998	184	140621	91.129	ng	# 82
55) Dibenzofuran	10.145	168	873950	39.468	ng	98
56) 4-Nitrophenol	10.057	139	235424	70.568	ng	# 77
57) 2,4-Dinitrotoluene	10.127	165	209086	44.222	ng	# 96
58) Fluorene	10.486	166	678320	41.435	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	188608	40.392	ng	# 82
60) Diethylphthalate	10.357	149	698255	39.755	ng	98
61) 4-Chlorophenyl-phenyle...	10.475	204	347906	42.032	ng	90
62) 4-Nitroaniline	10.504	138	148316	39.151	ng	# 82
63) Azobenzene	10.639	77	741188	37.623	ng	91
65) 4,6-Dinitro-2-methylph...	10.533	198	100277	44.776	ng	90
66) n-Nitrosodiphenylamine	10.598	169	617276	40.741	ng	97
67) 4-Bromophenyl-phenylether	10.969	248	223194	43.926	ng	91
68) Hexachlorobenzene	11.033	284	235985	45.146	ng	# 90
69) Atrazine	11.122	200	194295	44.690	ng	93
70) Pentachlorophenol	11.233	266	230402	75.489	ng	91
71) Phenanthrene	11.451	178	955765	40.993	ng	98
72) Anthracene	11.504	178	977695	42.544	ng	98
73) Carbazole	11.657	167	791312	37.681	ng	100
74) Di-n-butylphthalate	11.980	149	999185	40.095	ng	100
75) Fluoranthene	12.639	202	943315	40.776	ng	98
77) Benzidine	12.763	184	483518	48.500	ng	98
78) Pyrene	12.868	202	972814	39.729	ng	97
80) Butylbenzylphthalate	13.480	149	380156	39.511	ng	91
81) Benzo(a)anthracene	14.057	228	848410	41.250	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	200009	31.372	ng	99
83) Chrysene	14.098	228	853531	41.963	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	524334	39.650	ng	# 99
85) Di-n-octyl phthalate	14.651	149	906340	41.208	ng	97
87) Indeno(1,2,3-cd)pyrene	17.080	276	1164927	49.233	ng	# 90
88) Benzo(b)fluoranthene	15.121	252	1045894	43.588	ng	# 96
89) Benzo(k)fluoranthene	15.151	252	829598	37.050	ng	100
90) Benzo(a)pyrene	15.498	252	948282m	44.739	ng	
91) Dibenzo(a,h)anthracene	17.092	278	971903	47.519	ng	# 94
92) Benzo(g,h,i)perylene	17.539	276	1000635	50.740	ng	# 87

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

