

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
 Data File : BF125312.D
 Acq On : 1 Sep 2021 18:11
 Operator : JU/CG
 Sample : M3616-01MS 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-083121MS

Quant Time: Sep 02 08:16:41 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	6.904	152	198835	20.000	ng	-0.01
21) Naphthalene-d8	8.192	136	797988	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	422710	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	646606	20.000	ng	0.00
76) Chrysene-d12	14.080	240	439320	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	344949	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	617113	46.977	ng	0.00
7) Phenol-d6	6.533	99	788724	46.423	ng	0.00
23) Nitrobenzene-d5	7.469	82	502051	31.674	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	203074	48.127	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	926776	30.557	ng	-0.01
79) Terphenyl-d14	13.021	244	780177	28.291	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	100608	15.521	ng	# 100
3) Pyridine	3.469	79	224543	13.122	ng	# 90
4) n-Nitrosodimethylamine	3.410	42	133530	15.594	ng	# 29
6) Aniline	6.569	93	254920	12.774	ng	97
8) 2-Chlorophenol	6.692	128	246057	18.361	ng	85
9) Benzaldehyde	6.457	77	173480	14.550	ng	93
10) Phenol	6.551	94	345636	19.426	ng	96
11) bis(2-Chloroethyl)ether	6.639	93	258216	18.428	ng	89
12) 1,3-Dichlorobenzene	6.845	146	275130	17.717	ng	98
13) 1,4-Dichlorobenzene	6.922	146	280065	18.100	ng	96
14) 1,2-Dichlorobenzene	7.075	146	266867	18.332	ng	98
15) Benzyl Alcohol	7.045	79	228628	17.478	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	475127	16.907	ng	96
17) 2-Methylphenol	7.157	107	210700	18.717	ng	98
18) Hexachloroethane	7.422	117	96484	17.807	ng	# 82
19) n-Nitroso-di-n-propyla...	7.316	70	183561	17.963	ng	# 77
20) 3+4-Methylphenols	7.310	107	251693	17.811	ng	# 64
22) Acetophenone	7.316	105	354247	17.249	ng	# 93
24) Nitrobenzene	7.486	77	284278	16.459	ng	# 87
25) Isophorone	7.728	82	490115	16.028	ng	# 90
26) 2-Nitrophenol	7.804	139	131158	19.018	ng	# 79
27) 2,4-Dimethylphenol	7.839	122	217644	18.027	ng	93
28) bis(2-Chloroethoxy)met...	7.933	93	303498	17.926	ng	# 96
29) 2,4-Dichlorophenol	8.051	162	215632	17.512	ng	97
30) 1,2,4-Trichlorobenzene	8.133	180	225850	16.821	ng	91
31) Naphthalene	8.216	128	705118	17.254	ng	98
32) Benzoic acid	7.939	122	145830	17.796	ng	# 82
33) 4-Chloroaniline	8.263	127	128825	7.996	ng	# 94
34) Hexachlorobutadiene	8.327	225	144760	16.908	ng	98
35) Caprolactam	8.616	113	67924	21.298	ng	# 48
36) 4-Chloro-3-methylphenol	8.739	107	229385	18.249	ng	89
37) 2-Methylnaphthalene	8.904	142	487634	18.057	ng	98
38) 1-Methylnaphthalene	9.004	142	438563	17.390	ng	97
40) 1,2,4,5-Tetrachloroben...	9.069	216	238074	17.238	ng	98
41) Hexachlorocyclopentadiene	9.057	237	81041	11.169	ng	96
43) 2,4,6-Trichlorophenol	9.180	196	162810	16.743	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	168356	16.456	ng	96
46) 1,1'-Biphenyl	9.369	154	559189	16.409	ng	98
47) 2-Chloronaphthalene	9.392	162	457866	16.533	ng	98
48) 2-Nitroaniline	9.486	65	159167	18.541	ng #	80
49) Acenaphthylene	9.810	152	697772	17.291	ng	99
50) Dimethylphthalate	9.663	163	520501	17.769	ng #	98
51) 2,6-Dinitrotoluene	9.727	165	113544	17.876	ng #	86
52) Acenaphthene	9.980	154	412493	16.488	ng	97
53) 3-Nitroaniline	9.898	138	95993	14.014	ng #	81
54) 2,4-Dinitrophenol	10.004	184	27633	11.014	ng #	85
55) Dibenzofuran	10.151	168	595991	16.553	ng	98
56) 4-Nitrophenol	10.057	139	162230	29.907	ng #	76
57) 2,4-Dinitrotoluene	10.133	165	144780	18.833	ng #	93
58) Fluorene	10.498	166	460478	17.299	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	123351	16.247	ng #	84
60) Diethylphthalate	10.363	149	508775	17.816	ng	98
61) 4-Chlorophenyl-phenyle...	10.486	204	231093	17.171	ng	88
62) 4-Nitroaniline	10.510	138	95386	15.486	ng #	81
63) Azobenzene	10.645	77	494258	15.430	ng	91
65) 4,6-Dinitro-2-methylph...	10.539	198	22269	6.507	ng	91
66) n-Nitrosodiphenylamine	10.604	169	433147	18.708	ng	95
67) 4-Bromophenyl-phenylether	10.980	248	146627	18.884	ng #	89
68) Hexachlorobenzene	11.045	284	146464	18.336	ng #	85
69) Atrazine	11.133	200	131197	19.747	ng	88
70) Pentachlorophenol	11.239	266	139942	30.005	ng	92
71) Phenanthrene	11.463	178	678891	19.055	ng	97
72) Anthracene	11.510	178	642933	18.308	ng	99
73) Carbazole	11.668	167	515593	16.067	ng	99
74) Di-n-butylphthalate	11.992	149	690155	18.123	ng	100
75) Fluoranthene	12.651	202	705516	19.957	ng	97
77) Benzidine	12.774	184	134639	8.775	ng	97
78) Pyrene	12.880	202	723875	19.209	ng	97
80) Butylbenzylphthalate	13.492	149	230983	15.599	ng	88
81) Benzo(a)anthracene	14.068	228	607215	19.183	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	117179	11.943	ng	98
83) Chrysene	14.109	228	589791	18.841	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	327091	16.072	ng	99
85) Di-n-octyl phthalate	14.668	149	551950	16.306	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	356680	14.353	ng #	90
88) Benzo(b)fluoranthene	15.139	252	531175	21.077	ng #	95
89) Benzo(k)fluoranthene	15.168	252	480603	20.437	ng	98
90) Benzo(a)pyrene	15.515	252	459854	20.657	ng	97
91) Dibenzo(a,h)anthracene	17.109	278	279550	13.014	ng #	96
92) Benzo(g,h,i)perylene	17.556	276	299345	14.453	ng #	88

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

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