

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
 Data File : BF125429.D
 Acq On : 10 Sep 2021 17:59
 Operator : JU/CG
 Sample : M3693-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 Client Sampled :
 WFM-1MS

Manual Integrations
 APPROVED

mohammad
 9/14/2021 2:47:31 PM

Quant Time: Sep 10 18:51:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 08 14:14:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	171678	20.000	ng	0.00	
21) Naphthalene-d8	8.169	136	656734	20.000	ng	# 0.00	
39) Acenaphthene-d10	9.928	164	342529	20.000	ng	0.00	
64) Phenanthrene-d10	11.416	188	568527	20.000	ng	0.00	
76) Chrysene-d12	14.063	240	350943	20.000	ng	# 0.00	
86) Perylene-d12	15.551	264	379666	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	689222	60.765	ng	0.01	
7) Phenol-d6	6.528	99	863148	58.840	ng	0.00	
23) Nitrobenzene-d5	7.451	82	569321	43.643	ng	0.00	
42) 2,4,6-Tribromophenol	10.722	330	248715	72.741	ng	0.00	
45) 2-Fluorobiphenyl	9.245	172	933835	37.997	ng	0.00	
79) Terphenyl-d14	12.998	244	841981	38.221	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	2.746	88	189113	33.789	ng	# 100	Qvalue
3) Pyridine	3.504	79	441804	29.902	ng	# 91	
4) n-Nitrosodimethylamine	3.469	42	274437	37.119	ng	# 37	
6) Aniline	6.551	93	606454	35.195	ng	# 89	
8) 2-Chlorophenol	6.675	128	456863	39.484	ng	# 80	
9) Benzaldehyde	6.440	77	315064	30.604	ng	92	
10) Phenol	6.540	94	610591	39.747	ng	86	
11) bis(2-Chloroethyl)ether	6.622	93	481734	39.817	ng	85	
12) 1,3-Dichlorobenzene	6.828	146	509807	38.022	ng	97	
13) 1,4-Dichlorobenzene	6.904	146	516152	38.634	ng	97	
14) 1,2-Dichlorobenzene	7.057	146	496838	39.528	ng	98	
15) Benzyl Alcohol	7.034	79	445953	39.484	ng	99	
16) 2,2'-oxybis(1-Chloropr...	7.163	45	884151	36.440	ng	96	
17) 2-Methylphenol	7.145	107	379850	39.080	ng	# 93	
18) Hexachloroethane	7.398	117	188525	40.297	ng	# 86	
19) n-Nitroso-di-n-propyla...	7.304	70	324913	36.824	ng	# 75	
20) 3+4-Methylphenols	7.298	107	432136	35.418	ng	# 68	
22) Acetophenone	7.298	105	627903	37.150	ng	# 86	
24) Nitrobenzene	7.475	77	539856	37.980	ng	91	
25) Isophorone	7.710	82	945992	37.591	ng	# 88	
26) 2-Nitrophenol	7.787	139	258009	45.458	ng	# 81	
27) 2,4-Dimethylphenol	7.828	122	399024	40.158	ng	86	
28) bis(2-Chloroethoxy)met...	7.916	93	577564	41.451	ng	# 97	
29) 2,4-Dichlorophenol	8.034	162	398052	39.281	ng	96	
30) 1,2,4-Trichlorobenzene	8.110	180	424557	38.421	ng	94	
31) Naphthalene	8.192	128	1237059	36.780	ng	99	
32) Benzoic acid	7.963	122	288573	42.789	ng	# 85	
33) 4-Chloroaniline	8.239	127	333669	25.165	ng	# 90	
34) Hexachlorobutadiene	8.304	225	280375	39.792	ng	98	
35) Caprolactam	8.628	113	126295m	48.118	ng		
36) 4-Chloro-3-methylphenol	8.733	107	419770	40.577	ng	95	
37) 2-Methylnaphthalene	8.886	142	867670	39.040	ng	98	
38) 1-Methylnaphthalene	8.986	142	785882	37.866	ng	96	
40) 1,2,4,5-Tetrachloroben...	9.051	216	437951	39.134	ng	97	
41) Hexachlorocyclopentadiene	9.033	237	379354	64.521	ng	96	
43) 2,4,6-Trichlorophenol	9.169	196	300442	38.128	ng	96	

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44) 2,4,5-Trichlorophenol	9.210	196	318083	38.369	ng	92
46) 1,1'-Biphenyl	9.351	154	989286	35.824	ng	98
47) 2-Chloronaphthalene	9.375	162	824606	36.746	ng	98
48) 2-Nitroaniline	9.475	65	304260	43.739	ng #	83
49) Acenaphthylene	9.792	152	1227880	37.549	ng	98
50) Dimethylphthalate	9.651	163	971013	40.907	ng #	97
51) 2,6-Dinitrotoluene	9.716	165	214418	41.659	ng #	88
52) Acenaphthene	9.963	154	717402	35.389	ng	99
53) 3-Nitroaniline	9.886	138	163183	29.399	ng #	76
54) 2,4-Dinitrophenol	9.998	184	180161	88.615	ng #	75
55) Dibenzofuran	10.139	168	1062277	36.411	ng	97
56) 4-Nitrophenol	10.057	139	306876	69.816	ng #	76
57) 2,4-Dinitrotoluene	10.122	165	273533	43.910	ng #	98
58) Fluorene	10.480	166	846154	39.230	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	235771	38.323	ng #	86
60) Diethylphthalate	10.351	149	925985	40.015	ng	97
61) 4-Chlorophenyl-phenyle...	10.469	204	429109	39.348	ng #	86
62) 4-Nitroaniline	10.504	138	203690	40.809	ng #	81
63) Azobenzene	10.627	77	939756	36.205	ng	91
65) 4,6-Dinitro-2-methylph...	10.528	198	124952	41.526	ng	93
66) n-Nitrosodiphenylamine	10.592	169	795409	39.073	ng	97
67) 4-Bromophenyl-phenylether	10.957	248	289883	42.461	ng	95
68) Hexachlorobenzene	11.027	284	301177	42.883	ng #	83
69) Atrazine	11.116	200	264497	45.279	ng	90
70) Pentachlorophenol	11.222	266	290516	70.844	ng	91
71) Phenanthrene	11.445	178	1328048	42.394	ng	98
72) Anthracene	11.498	178	1230492	39.852	ng	98
73) Carbazole	11.651	167	1046027	37.072	ng	99
74) Di-n-butylphthalate	11.974	149	1349226	40.295	ng	99
75) Fluoranthene	12.633	202	1318133	42.407	ng	97
77) Benzidine	12.757	184	750399	61.224	ng	98
78) Pyrene	12.863	202	1298522	43.135	ng	96
80) Butylbenzylphthalate	13.474	149	482792	40.815	ng #	94
81) Benzo(a)anthracene	14.051	228	1099303	43.475	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	371272	47.368	ng #	97
83) Chrysene	14.092	228	1056548	42.251	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	678083	41.708	ng	100
85) Di-n-octyl phthalate	14.645	149	1130778	41.819	ng #	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	1236607	45.211	ng #	89
88) Benzo(b)fluoranthene	15.115	252	1227781	44.264	ng #	94
89) Benzo(k)fluoranthene	15.145	252	983830	38.010	ng	99
90) Benzo(a)pyrene	15.492	252	1134904m	46.320	ng	
91) Dibenzo(a,h)anthracene	17.080	278	976973	41.322	ng #	94
92) Benzo(g,h,i)perylene	17.527	276	1041503	45.686	ng #	87

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

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