

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
 Data File : BF125143.D
 Acq On : 20 Aug 2021 19:43
 Operator : JU/CG
 Sample : M3476-01MSD 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-081821MSD

Manual Integrations
 APPROVED

mohammad
 8/23/2021 12:26:19 PM

Quant Time: Aug 21 02:01:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 17:03:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	189351	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	701767	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	333264	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	522667	20.000	ng	0.00
76) Chrysene-d12	14.098	240	363756	20.000	ng	# 0.01
86) Perylene-d12	15.598	264	246104	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	482355	38.558	ng	0.00
7) Phenol-d6	6.540	99	597301	36.917	ng	0.00
23) Nitrobenzene-d5	7.481	82	380630	27.306	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	126703	38.087	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	678099	28.359	ng	0.00
79) Terphenyl-d14	13.033	244	595246	26.069	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	94790	15.356	ng	# 100
3) Pyridine	3.504	79	210468	12.915	ng	88
4) n-Nitrosodimethylamine	3.452	42	137424	16.852	ng	# 43
6) Aniline	6.581	93	271355	14.278	ng	# 94
8) 2-Chlorophenol	6.704	128	233331	18.283	ng	85
9) Benzaldehyde	6.469	77	174425	15.362	ng	94
10) Phenol	6.551	94	299713	17.689	ng	98
11) bis(2-Chloroethyl)ether	6.651	93	247989	18.584	ng	85
12) 1,3-Dichlorobenzene	6.863	146	262210	17.731	ng	97
13) 1,4-Dichlorobenzene	6.940	146	266359	18.076	ng	98
14) 1,2-Dichlorobenzene	7.092	146	255875	18.457	ng	98
15) Benzyl Alcohol	7.057	79	217631	17.470	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.192	45	490711	18.337	ng	99
17) 2-Methylphenol	7.163	107	194704	18.162	ng	94
18) Hexachloroethane	7.434	117	83836	16.247	ng	96
19) n-Nitroso-di-n-propyla...	7.328	70	181482	18.649	ng	# 80
20) 3+4-Methylphenols	7.316	107	249348	18.529	ng	88
22) Acetophenone	7.328	105	349397	19.346	ng	# 96
24) Nitrobenzene	7.498	77	270120	17.784	ng	# 87
25) Isophorone	7.739	82	474697	17.653	ng	# 89
26) 2-Nitrophenol	7.816	139	114698	18.912	ng	# 80
27) 2,4-Dimethylphenol	7.851	122	202948	19.114	ng	92
28) bis(2-Chloroethoxy)met...	7.951	93	303606	20.391	ng	# 97
29) 2,4-Dichlorophenol	8.057	162	190336	17.578	ng	96
30) 1,2,4-Trichlorobenzene	8.145	180	209990	17.784	ng	93
31) Naphthalene	8.228	128	663362	18.457	ng	99
32) Benzoic acid	7.934	122	119427	16.572	ng	# 80
33) 4-Chloroaniline	8.269	127	166604	11.759	ng	# 90
34) Hexachlorobutadiene	8.345	225	135836	18.041	ng	98
35) Caprolactam	8.622	113	60254	21.483	ng	# 44
36) 4-Chloro-3-methylphenol	8.745	107	200869	18.171	ng	92
37) 2-Methylnaphthalene	8.916	142	449893	18.943	ng	99
38) 1-Methylnaphthalene	9.016	142	413278	18.635	ng	95
40) 1,2,4,5-Tetrachloroben...	9.081	216	206671	18.981	ng	97
41) Hexachlorocyclopentadiene	9.069	237	20146	3.522	ng	96
43) 2,4,6-Trichlorophenol	9.192	196	138727	18.095	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	138439	17.164	ng	95
46) 1,1'-Biphenyl	9.381	154	490484	18.255	ng	98
47) 2-Chloronaphthalene	9.404	162	389562	17.842	ng	99
48) 2-Nitroaniline	9.498	65	138651	20.486	ng #	81
49) Acenaphthylene	9.822	152	644179	20.247	ng	99
50) Dimethylphthalate	9.675	163	469397	20.325	ng #	97
51) 2,6-Dinitrotoluene	9.739	165	92731	18.517	ng	90
52) Acenaphthene	9.998	154	364752	18.493	ng	99
53) 3-Nitroaniline	9.904	138	88743	16.433	ng #	70
54) 2,4-Dinitrophenol	10.010	184	6260	3.165	ng #	74
55) Dibenzofuran	10.169	168	521981	18.389	ng	97
56) 4-Nitrophenol	10.057	139	143600	33.578	ng #	76
57) 2,4-Dinitrotoluene	10.139	165	115234	19.013	ng #	96
58) Fluorene	10.510	166	424956	20.250	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.281	232	100359	16.766	ng #	88
60) Diethylphthalate	10.375	149	450901	20.027	ng	99
61) 4-Chlorophenyl-phenylether	10.504	204	194158	18.299	ng #	83
62) 4-Nitroaniline	10.516	138	87264	17.969	ng #	83
63) Azobenzene	10.663	77	426036	16.870	ng	91
65) 4,6-Dinitro-2-methylph...	10.545	198	6619	2.393	ng	95
66) n-Nitrosodiphenylamine	10.616	169	356368	19.042	ng	97
67) 4-Bromophenyl-phenylether	10.992	248	117811	18.771	ng	93
68) Hexachlorobenzene	11.057	284	116219	18.000	ng #	89
69) Atrazine	11.139	200	117163	21.817	ng	93
70) Pentachlorophenol	11.251	266	122903	32.600	ng	92
71) Phenanthrene	11.475	178	895245	31.086	ng	97
72) Anthracene	11.527	178	657296	23.155	ng	98
73) Carbazole	11.675	167	473869	18.268	ng	99
74) Di-n-butylphthalate	12.010	149	644200	20.927	ng	98
75) Fluoranthene	12.669	202	1203571	42.118	ng	96
77) Benzidine	12.780	184	165073	12.994	ng	97
78) Pyrene	12.898	202	1214499	38.922	ng	95
80) Butylbenzylphthalate	13.510	149	239689	19.549	ng	92
81) Benzo(a)anthracene	14.086	228	832431	31.761	ng	96
82) 3,3'-Dichlorobenzidine	14.045	252	150476	18.522	ng #	97
83) Chrysene	14.121	228	750514	28.956	ng	97
84) Bis(2-ethylhexyl)phtha...	14.068	149	343312	20.373	ng	98
85) Di-n-octyl phthalate	14.686	149	560220	19.988	ng #	97
87) Indeno(1,2,3-cd)pyrene	17.115	276	403513m	22.759	ng	
88) Benzo(b)fluoranthene	15.157	252	652758	36.305	ng #	94
89) Benzo(k)fluoranthene	15.180	252	447157	26.652	ng	96
90) Benzo(a)pyrene	15.533	252	521529m	32.837	ng	
91) Dibenzo(a,h)anthracene	17.133	278	259111m	16.907	ng	
92) Benzo(g,h,i)perylene	17.574	276	350324	23.707	ng #	88

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

