

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF02282\
 Data File : BF127102.D
 Acq On : 28 Feb 2022 16:19
 Operator : CG\JU
 Sample : N1679-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-72-11944MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/01/2022
 Supervised By : Jagrut Upadhyay 03/01/2022

Quant Time: Mar 01 01:39:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	92944	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	384338	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	189677	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	299999	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	158599	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	184322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	636475	105.840	ng	0.00
7) Phenol-d6	6.534	99	856505	105.553	ng	0.00
23) Nitrobenzene-d5	7.469	82	593274	69.675	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	243904	111.684	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	944466	73.304	ng	0.00
79) Terphenyl-d14	13.021	244	767530	71.142	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	118195	42.953	ng	99
3) Pyridine	3.510	79	285280	39.525	ng	97
4) n-Nitrosodimethylamine	3.469	42	169894	48.051	ng	# 74
6) Aniline	6.563	93	286651	29.815	ng	96
8) 2-Chlorophenol	6.686	128	330601	51.238	ng	97
9) Benzaldehyde	6.457	77	194808	39.440	ng	99
10) Phenol	6.545	94	421974m	51.466	ng	
11) bis(2-Chloroethyl)ether	6.639	93	307895	47.878	ng	98
12) 1,3-Dichlorobenzene	6.845	146	343767	49.390	ng	99
13) 1,4-Dichlorobenzene	6.922	146	348484	49.387	ng	97
14) 1,2-Dichlorobenzene	7.069	146	330845	49.167	ng	98
15) Benzyl Alcohol	7.045	79	324851	47.521	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.175	45	432834	42.743	ng	94
17) 2-Methylphenol	7.157	107	272072	48.738	ng	93
18) Hexachloroethane	7.416	117	134114	49.585	ng	# 87
19) n-Nitroso-di-n-propyla...	7.316	70	245255	46.906	ng	96
20) 3+4-Methylphenols	7.304	107	342553	47.255	ng	92
22) Acetophenone	7.316	105	467007	46.150	ng	# 93
24) Nitrobenzene	7.486	77	375019	46.622	ng	96
25) Isophorone	7.722	82	660575	46.883	ng	# 98
26) 2-Nitrophenol	7.804	139	171942	50.205	ng	# 87
27) 2,4-Dimethylphenol	7.833	122	305053m	54.220	ng	
28) bis(2-Chloroethoxy)met...	7.933	93	388326	45.461	ng	98
29) 2,4-Dichlorophenol	8.045	162	256366	48.467	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	279665	47.291	ng	97
31) Naphthalene	8.210	128	951291	47.415	ng	99
32) Benzoic acid	7.963	122	205341	51.463	ng	93
33) 4-Chloroaniline	8.251	127	84061	10.645	ng	96
34) Hexachlorobutadiene	8.316	225	165024	47.799	ng	97
35) Caprolactam	8.633	113	84645m	45.824	ng	
36) 4-Chloro-3-methylphenol	8.739	107	319229	47.222	ng	95
37) 2-Methylnaphthalene	8.898	142	629824	48.379	ng	100
38) 1-Methylnaphthalene	8.998	142	583978	46.844	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	257257	51.524	ng	98
41) Hexachlorocyclopentadiene	9.051	237	276194	101.992	ng	97
43) 2,4,6-Trichlorophenol	9.180	196	180408	49.264	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	186372	48.363	ng	91
46) 1,1'-Biphenyl	9.363	154	740418	49.270	ng	98
47) 2-Chloronaphthalene	9.392	162	542986	48.724	ng	96
48) 2-Nitroaniline	9.486	65	207263	47.131	ng	97
49) Acenaphthylene	9.810	152	911992	50.381	ng	99
50) Dimethylphthalate	9.663	163	648378	47.823	ng	99
51) 2,6-Dinitrotoluene	9.727	165	142289	51.584	ng	# 81
52) Acenaphthene	9.980	154	636307m	54.050	ng	
53) 3-Nitroaniline	9.898	138	77670	23.035	ng	98
54) 2,4-Dinitrophenol	10.010	184	139984	95.879	ng	# 84
55) Dibenzofuran	10.151	168	786554	48.588	ng	91
56) 4-Nitrophenol	10.063	139	218208	87.621	ng	# 76
57) 2,4-Dinitrotoluene	10.133	165	185425	49.717	ng	# 98
58) Fluorene	10.498	166	649093	51.476	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	141964	46.468	ng	96
60) Diethylphthalate	10.363	149	654991	46.234	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	284167	47.792	ng	98
62) 4-Nitroaniline	10.516	138	141708	42.560	ng	# 79
63) Azobenzene	10.645	77	698984	44.310	ng	94
65) 4,6-Dinitro-2-methylph...	10.545	198	88759	50.354	ng	96
66) n-Nitrosodiphenylamine	10.604	169	522336	53.098	ng	99
67) 4-Bromophenyl-phenylether	10.974	248	172497	51.463	ng	# 88
68) Hexachlorobenzene	11.039	284	189390	52.485	ng	94
69) Atrazine	11.133	200	168262	55.150	ng	94
70) Pentachlorophenol	11.239	266	193015	97.988	ng	97
71) Phenanthrene	11.463	178	1003828	59.782	ng	99
72) Anthracene	11.516	178	871670	52.145	ng	100
73) Carbazole	11.669	167	666084	43.451	ng	98
74) Di-n-butylphthalate	11.992	149	925992	46.987	ng	99
75) Fluoranthene	12.651	202	877101	55.013	ng	96
77) Benzidine	12.774	184	235422	54.622	ng	# 96
78) Pyrene	12.886	202	817696	59.344	ng	99
80) Butylbenzylphthalate	13.492	149	295051	45.232	ng	93
81) Benzo(a)anthracene	14.074	228	579702	54.218	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	94514	28.049	ng	# 95
83) Chrysene	14.110	228	538093	53.517	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	409237	47.786	ng	# 98
85) Di-n-octyl phthalate	14.668	149	624872	50.677	ng	96
87) Indeno(1,2,3-cd)pyrene	17.109	276	631502	52.250	ng	# 84
88) Benzo(b)fluoranthene	15.139	252	675279	54.547	ng	# 94
89) Benzo(k)fluoranthene	15.168	252	547242	45.830	ng	# 95
90) Benzo(a)pyrene	15.521	252	632563m	65.416	ng	
91) Dibenzo(a,h)anthracene	17.127	278	509073	50.928	ng	# 91
92) Benzo(g,h,i)perylene	17.574	276	500599	50.798	ng	# 86

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

