

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
 Data File : BF131729.D
 Acq On : 20 Dec 2022 23:48
 Operator : CG\JU
 Sample : N6071-11MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FVSUB-TP8-COMP-08MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/21/2022
 Supervised By : Jagrut Upadhyay 12/21/2022

Quant Time: Dec 21 04:50:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	77508	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	294249	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	171087	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	326902	20.000	ng	# 0.00
76) Chrysene-d12	14.062	240	161232	20.000	ng	0.00
86) Perylene-d12	15.556	264	164963	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.486	112	595837	129.448	ng	0.01
7) Phenol-d6	6.504	99	801524	129.374	ng	0.00
23) Nitrobenzene-d5	7.439	82	532445	73.459	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	226063	120.721	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	847939	69.427	ng	0.00
79) Terphenyl-d14	13.004	244	876862	84.761	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	98797	45.931	ng	98
3) Pyridine	3.416	79	275114	44.855	ng	100
4) n-Nitrosodimethylamine	3.387	42	138029	49.741	ng	99
6) Aniline	6.528	93	376931	49.281	ng	98
8) 2-Chlorophenol	6.651	128	255161	51.612	ng	98
9) Benzaldehyde	6.416	77	213025	61.288	ng	99
10) Phenol	6.516	94	365708	49.441	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	269714	50.954	ng	98
12) 1,3-Dichlorobenzene	6.804	146	274506	49.120	ng	99
13) 1,4-Dichlorobenzene	6.881	146	276057	48.325	ng	97
14) 1,2-Dichlorobenzene	7.033	146	265133	49.571	ng	99
15) Benzyl Alcohol	7.016	79	279493	50.509	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	342540	50.751	ng	100
17) 2-Methylphenol	7.128	107	231431	49.587	ng	98
18) Hexachloroethane	7.380	117	113408	50.081	ng	97
19) n-Nitroso-di-n-propyla...	7.286	70	218665	48.938	ng	99
20) 3+4-Methylphenols	7.280	107	290996	48.444	ng	98
22) Acetophenone	7.280	105	414439	48.264	ng	# 91
24) Nitrobenzene	7.457	77	336658	45.688	ng	98
25) Isophorone	7.698	82	618908	50.280	ng	100
26) 2-Nitrophenol	7.775	139	137464	47.734	ng	96
27) 2,4-Dimethylphenol	7.810	122	228154	55.626	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	347387	53.145	ng	98
29) 2,4-Dichlorophenol	8.016	162	236587	47.780	ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	271516	46.644	ng	99
31) Naphthalene	8.180	128	732152	45.561	ng	99
32) Benzoic acid	7.945	122	142181	43.306	ng	95
33) 4-Chloroaniline	8.227	127	234015	37.340	ng	99
34) Hexachlorobutadiene	8.292	225	179486	45.829	ng	99
35) Caprolactam	8.610	113	72162m	48.332	ng	
36) 4-Chloro-3-methylphenol	8.716	107	272294	48.140	ng	99
37) 2-Methylnaphthalene	8.874	142	505406	46.107	ng	100
38) 1-Methylnaphthalene	8.975	142	470747	44.341	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	290912	49.700	ng	99
41) Hexachlorocyclopentadiene	9.022	237	330137	124.490	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	188318	49.250	ng	99

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44) 2,4,5-Trichlorophenol	9.192	196	197974	47.827	ng	99
46) 1,1'-Biphenyl	9.339	154	642300	49.910	ng	100
47) 2-Chloronaphthalene	9.369	162	516373	49.002	ng	99
48) 2-Nitroaniline	9.469	65	184049	48.457	ng	98
49) Acenaphthylene	9.786	152	767276	48.545	ng	99
50) Dimethylphthalate	9.645	163	625682	48.603	ng	99
51) 2,6-Dinitrotoluene	9.710	165	134996	48.768	ng	97
52) Acenaphthene	9.957	154	460495	47.560	ng	99
53) 3-Nitroaniline	9.880	138	106655	37.656	ng	99
54) 2,4-Dinitrophenol	9.986	184	124730	75.202	ng	90
55) Dibenzofuran	10.127	168	715979	48.223	ng	100
56) 4-Nitrophenol	10.051	139	181353	89.461	ng	94
57) 2,4-Dinitrotoluene	10.116	165	185302	49.817	ng	99
58) Fluorene	10.474	166	570562	47.531	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	154852m	44.810	ng	
60) Diethylphthalate	10.345	149	599414	48.323	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	309863	48.567	ng	100
62) 4-Nitroaniline	10.504	138	122887	43.110	ng	97
63) Azobenzene	10.627	77	703021	51.610	ng	99
65) 4,6-Dinitro-2-methylph...	10.521	198	95911	42.734	ng	98
66) n-Nitrosodiphenylamine	10.586	169	489304	48.266	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	188261	48.760	ng	98
68) Hexachlorobenzene	11.016	284	204913	48.257	ng	98
69) Atrazine	11.116	200	186119	55.077	ng	98
70) Pentachlorophenol	11.216	266	209467	92.942	ng	97
71) Phenanthrene	11.439	178	828572	46.482	ng	99
72) Anthracene	11.492	178	846040	48.474	ng	99
73) Carbazole	11.651	167	691258	45.778	ng	100
74) Di-n-butylphthalate	11.974	149	907453	48.262	ng	99
75) Fluoranthene	12.633	202	853352	42.985	ng	99
77) Benzidine	12.757	184	316479	107.046	ng	99
78) Pyrene	12.862	202	844916	57.638	ng	100
80) Butylbenzylphthalate	13.480	149	298187	57.674	ng	99
81) Benzo(a)anthracene	14.051	228	560863	48.300	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	143961	44.405	ng	98
83) Chrysene	14.092	228	532853	48.618	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	364500	59.123	ng	100
85) Di-n-octyl phthalate	14.656	149	521413	60.588	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	620105	55.965	ng	99
88) Benzo(b)fluoranthene	15.115	252	520694	44.615	ng	99
89) Benzo(k)fluoranthene	15.151	252	492425	43.239	ng	99
90) Benzo(a)pyrene	15.498	252	462954	50.078	ng	98
91) Dibenzo(a,h)anthracene	17.092	278	515985	56.350	ng	99
92) Benzo(g,h,i)perylene	17.533	276	502147	55.482	ng	99

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

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