

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
 Data File : BF127097.D
 Acq On : 28 Feb 2022 13:56
 Operator : CG\JU
 Sample : N1664-22MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8MSD

Manual Integrations
 APPROVED

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

Quant Time: Feb 28 16:58:41 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	98227	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	386349	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	199474	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	362111	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	183966	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	174661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	695336	109.409	ng	0.00
7) Phenol-d6	6.534	99	886667	103.394	ng	0.00
23) Nitrobenzene-d5	7.469	82	631553	73.785	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	277443	120.802	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	999300	73.750	ng	0.00
79) Terphenyl-d14	13.022	244	1135431	90.730	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	120024	41.271	ng	97
3) Pyridine	3.510	79	279319	36.618	ng	91
4) n-Nitrosodimethylamine	3.475	42	171608	45.926	ng	# 73
6) Aniline	6.563	93	235979	23.224	ng	95
8) 2-Chlorophenol	6.687	128	342217	50.185	ng	97
9) Benzaldehyde	6.457	77	203882	39.057	ng	99
10) Phenol	6.545	94	451970	52.160	ng	81
11) bis(2-Chloroethyl)ether	6.640	93	327345	48.165	ng	98
12) 1,3-Dichlorobenzene	6.845	146	354206	48.153	ng	99
13) 1,4-Dichlorobenzene	6.922	146	362232	48.574	ng	98
14) 1,2-Dichlorobenzene	7.075	146	334990	47.105	ng	97
15) Benzyl Alcohol	7.045	79	332098	45.968	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.175	45	436515	40.788	ng	94
17) 2-Methylphenol	7.157	107	276626	46.888	ng	94
18) Hexachloroethane	7.416	117	140116	49.018	ng	# 86
19) n-Nitroso-di-n-propyla...	7.316	70	258297	46.743	ng	97
20) 3+4-Methylphenols	7.310	107	361074	47.131	ng	# 85
22) Acetophenone	7.316	105	491392	48.307	ng	# 96
24) Nitrobenzene	7.487	77	395211	48.877	ng	95
25) Isophorone	7.722	82	684451	48.325	ng	# 98
26) 2-Nitrophenol	7.804	139	175815	51.069	ng	# 87
27) 2,4-Dimethylphenol	7.834	122	301876	53.376	ng	90
28) bis(2-Chloroethoxy)met...	7.934	93	384054	44.727	ng	97
29) 2,4-Dichlorophenol	8.045	162	260038	48.905	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	279319	46.987	ng	99
31) Naphthalene	8.210	128	943482	46.781	ng	99
32) Benzoic acid	7.963	122	206923	51.589	ng	90
33) 4-Chloroaniline	8.251	127	49317	6.213	ng	93
34) Hexachlorobutadiene	8.316	225	172963	49.837	ng	97
35) Caprolactam	8.639	113	92252m	49.683	ng	
36) 4-Chloro-3-methylphenol	8.739	107	338711	49.843	ng	96
37) 2-Methylnaphthalene	8.898	142	645845	49.351	ng	99
38) 1-Methylnaphthalene	8.998	142	598069	47.724	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	263715	50.223	ng	97
41) Hexachlorocyclopentadiene	9.051	237	301419	105.840	ng	95
43) 2,4,6-Trichlorophenol	9.181	196	185577	48.187	ng	97

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44) 2,4,5-Trichlorophenol	9.222	196	194302	47.945	ng	95
46) 1,1'-Biphenyl	9.363	154	753686	47.690	ng	98
47) 2-Chloronaphthalene	9.392	162	546886	46.664	ng	94
48) 2-Nitroaniline	9.492	65	212996	46.056	ng	95
49) Acenaphthylene	9.810	152	939697	49.362	ng	98
50) Dimethylphthalate	9.669	163	673492	47.236	ng	99
51) 2,6-Dinitrotoluene	9.733	165	150174	51.769	ng	98
52) Acenaphthene	9.981	154	646824m	52.245	ng	
53) 3-Nitroaniline	9.898	138	57872	16.320	ng	97
54) 2,4-Dinitrophenol	10.010	184	156586	101.983	ng	# 89
55) Dibenzofuran	10.157	168	788163	46.297	ng	94
56) 4-Nitrophenol	10.069	139	234914	89.697	ng	# 79
57) 2,4-Dinitrotoluene	10.139	165	199388	50.835	ng	# 95
58) Fluorene	10.498	166	634710	47.863	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	153147	47.667	ng	97
60) Diethylphthalate	10.369	149	710674	47.701	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	295871	47.317	ng	99
62) 4-Nitroaniline	10.522	138	147209	42.041	ng	# 79
63) Azobenzene	10.645	77	731144	44.072	ng	94
65) 4,6-Dinitro-2-methylph...	10.545	198	97431	45.793	ng	96
66) n-Nitrosodiphenylamine	10.610	169	554836	46.727	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	196831	48.650	ng	96
68) Hexachlorobenzene	11.045	284	217609	49.961	ng	93
69) Atrazine	11.133	200	188181	51.099	ng	98
70) Pentachlorophenol	11.239	266	223590	94.040	ng	98
71) Phenanthrene	11.463	178	967556	47.738	ng	99
72) Anthracene	11.516	178	991114	49.121	ng	99
73) Carbazole	11.669	167	807215	43.625	ng	99
74) Di-n-butylphthalate	11.992	149	1091007	45.865	ng	99
75) Fluoranthene	12.657	202	892472	46.375	ng	93
77) Benzidine	12.774	184	192771	38.559	ng	98
78) Pyrene	12.886	202	900089	56.316	ng	100
80) Butylbenzylphthalate	13.498	149	391353	51.722	ng	85
81) Benzo(a)anthracene	14.074	228	584031	47.091	ng	98
82) 3,3'-Dichlorobenzidine	14.033	252	66920	17.121	ng	# 94
83) Chrysene	14.110	228	551615	47.297	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	498264	50.159	ng	# 98
85) Di-n-octyl phthalate	14.668	149	675972	47.262	ng	95
87) Indeno(1,2,3-cd)pyrene	17.109	276	645710	56.380	ng	# 85
88) Benzo(b)fluoranthene	15.139	252	521789	44.480	ng	# 92
89) Benzo(k)fluoranthene	15.168	252	514959	45.512	ng	# 93
90) Benzo(a)pyrene	15.515	252	530296	57.874	ng	# 94
91) Dibenzo(a,h)anthracene	17.127	278	547513	57.803	ng	# 91
92) Benzo(g,h,i)perylene	17.574	276	543589	58.212	ng	# 86

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

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