

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
 Data File : BF130638.D
 Acq On : 12 Oct 2022 19:39
 Operator : CG\JU
 Sample : N5019-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2-T-3-COMPMS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/13/2022
 Supervised By : Jagrut Upadhyay 10/13/2022

Quant Time: Oct 13 05:47:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.586	152	90382	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	351227	20.000	ng	0.00
39) Acenaphthene-d10	9.622	164	185806	20.000	ng	0.00
64) Phenanthrene-d10	11.098	188	306645	20.000	ng	0.00
76) Chrysene-d12	13.727	240	160897	20.000	ng	0.00
86) Perylene-d12	15.098	264	164958	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	779831	155.527	ng	0.03
7) Phenol-d6	6.251	99	904036	143.403	ng	0.01
23) Nitrobenzene-d5	7.163	82	632992	98.385	ng	0.00
42) 2,4,6-Tribromophenol	10.410	330	338167	186.000	ng	0.00
45) 2-Fluorobiphenyl	8.951	172	1290506	105.206	ng	0.00
79) Terphenyl-d14	12.686	244	1244714	128.398	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.381	88	98781	32.563	ng	# 83
3) Pyridine	3.022	79	166976	30.772	ng	99
4) n-Nitrosodimethylamine	2.951	42	133983	52.406	ng	96
6) Aniline	6.257	93	135152	17.907	ng	# 1
8) 2-Chlorophenol	6.381	128	309153	52.429	ng	97
9) Benzaldehyde	6.145	77	80551	20.337	ng	96
10) Phenol	6.263	94	322279	44.182	ng	82
11) bis(2-Chloroethyl)ether	6.339	93	284193	53.636	ng	97
12) 1,3-Dichlorobenzene	6.528	146	314916	48.777	ng	99
13) 1,4-Dichlorobenzene	6.610	146	322630	49.258	ng	97
14) 1,2-Dichlorobenzene	6.757	146	308239	50.531	ng	98
15) Benzyl Alcohol	6.751	79	213179	47.100	ng	97
16) 2,2'-oxybis(1-Chloropr...	6.875	45	338062	49.593	ng	70
17) 2-Methylphenol	6.863	107	261440	55.738	ng	94
18) Hexachloroethane	7.092	117	121721	49.123	ng	95
19) n-Nitroso-di-n-propyla...	7.022	70	208050	51.152	ng	97
20) 3+4-Methylphenols	7.022	107	304830	48.499	ng	# 86
22) Acetophenone	7.010	105	441909	52.449	ng	# 97
24) Nitrobenzene	7.181	77	315532	48.767	ng	99
25) Isophorone	7.422	82	560907	52.382	ng	99
26) 2-Nitrophenol	7.492	139	164523	51.851	ng	# 89
27) 2,4-Dimethylphenol	7.545	122	262075	59.261	ng	97
28) bis(2-Chloroethoxy)met...	7.633	93	350767	56.573	ng	99
29) 2,4-Dichlorophenol	7.739	162	254477	51.431	ng	98
30) 1,2,4-Trichlorobenzene	7.816	180	269368	50.498	ng	99
31) Naphthalene	7.892	128	887731	48.827	ng	100
32) Benzoic acid	7.657	122	10264	3.669	ng	83
33) 4-Chloroaniline	7.951	127	65691	9.327	ng	96
34) Hexachlorobutadiene	8.010	225	173125	52.292	ng	97
35) Caprolactam	8.339	113	61230m	41.130	ng	
36) 4-Chloro-3-methylphenol	8.451	107	266148	49.589	ng	97
37) 2-Methylnaphthalene	8.586	142	597436	52.217	ng	100
38) 1-Methylnaphthalene	8.680	142	568054	51.144	ng	100
40) 1,2,4,5-Tetrachloroben...	8.751	216	284397	56.415	ng	98
41) Hexachlorocyclopentadiene	8.733	237	225119	112.253	ng	99
43) 2,4,6-Trichlorophenol	8.869	196	180535	53.337	ng	99

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44) 2,4,5-Trichlorophenol	8.916	196	191109	51.341	ng	99
46) 1,1'-Biphenyl	9.051	154	743135	55.188	ng	99
47) 2-Chloronaphthalene	9.075	162	576589	52.392	ng	99
48) 2-Nitroaniline	9.180	65	166170	50.158	ng	97
49) Acenaphthylene	9.486	152	840124	50.948	ng	100
50) Dimethylphthalate	9.363	163	671627	52.218	ng	99
51) 2,6-Dinitrotoluene	9.422	165	150515	53.348	ng	97
52) Acenaphthene	9.657	154	520682	52.117	ng	97
53) 3-Nitroaniline	9.592	138	94843	30.667	ng	96
54) 2,4-Dinitrophenol	9.704	184	21933	19.281	ng	# 91
55) Dibenzofuran	9.827	168	794373	52.194	ng	99
56) 4-Nitrophenol	9.769	139	134608	78.938	ng	93
57) 2,4-Dinitrotoluene	9.827	165	188548	51.998	ng	93
58) Fluorene	10.169	166	645738	51.607	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.951	232	145023	48.868	ng	98
60) Diethylphthalate	10.057	149	653061	50.889	ng	98
61) 4-Chlorophenyl-phenyle...	10.163	204	310916	54.961	ng	97
62) 4-Nitroaniline	10.204	138	125759	42.590	ng	98
63) Azobenzene	10.322	77	594576	49.191	ng	98
65) 4,6-Dinitro-2-methylph...	10.233	198	34986	18.257	ng	93
66) n-Nitrosodiphenylamine	10.286	169	544423	53.374	ng	98
67) 4-Bromophenyl-phenylether	10.651	248	199373	57.462	ng	96
68) Hexachlorobenzene	10.710	284	229437	58.497	ng	98
69) Atrazine	10.822	200	164835	59.345	ng	97
70) Pentachlorophenol	10.910	266	136781	89.603	ng	97
71) Phenanthrene	11.127	178	882438	51.941	ng	100
72) Anthracene	11.174	178	888480	53.547	ng	100
73) Carbazole	11.339	167	757522	51.164	ng	100
74) Di-n-butylphthalate	11.669	149	950112	52.977	ng	100
75) Fluoranthene	12.304	202	817584	50.071	ng	98
77) Benzidine	12.439	184	65029	15.990	ng	99
78) Pyrene	12.533	202	788936	56.837	ng	99
80) Butylbenzylphthalate	13.163	149	293298	54.950	ng	95
81) Benzo(a)anthracene	13.715	228	567666	52.361	ng	99
82) 3,3'-Dichlorobenzidine	13.686	252	105594	33.705	ng	98
83) Chrysene	13.751	228	532739	51.827	ng	100
84) Bis(2-ethylhexyl)phtha...	13.715	149	349051	53.942	ng	99
85) Di-n-octyl phthalate	14.327	149	534656	53.951	ng	100
87) Indeno(1,2,3-cd)pyrene	16.386	276	659495	53.415	ng	98
88) Benzo(b)fluoranthene	14.721	252	569373	54.509	ng	99
89) Benzo(k)fluoranthene	14.751	252	557461	52.413	ng	98
90) Benzo(a)pyrene	15.045	252	503148	57.876	ng	99
91) Dibenzo(a,h)anthracene	16.404	278	577019	57.016	ng	99
92) Benzo(g,h,i)perylene	16.774	276	547935	58.130	ng	98

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

