

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
 Data File : BF131865.D
 Acq On : 28 Dec 2022 17:31
 Operator : CG\JU
 Sample : N6199-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-604-COMP-1MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/29/2022
 Supervised By : Jagrut Upadhyay 01/03/2023

Quant Time: Dec 29 00:56:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 05:13:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	66746	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	244152	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	140897	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	273876	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	140000	20.000	ng	0.00
86) Perylene-d12	15.515	264	145313	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	586266	145.563	ng	0.02
7) Phenol-d6	6.469	99	714125	134.957	ng	0.00
23) Nitrobenzene-d5	7.398	82	577424	94.425	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	248883	162.578	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1000295	97.244	ng	-0.01
79) Terphenyl-d14	12.974	244	1173978	141.843	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	84474	45.229	ng	# 83
3) Pyridine	3.440	79	196851	37.491	ng	98
4) n-Nitrosodimethylamine	3.375	42	122091	49.453	ng	99
6) Aniline	6.492	93	109735m	17.100	ng	
8) 2-Chlorophenol	6.610	128	216567	51.037	ng	93
9) Benzaldehyde	6.381	77	107179	31.567	ng	96
10) Phenol	6.481	94	269996	42.847	ng	98
11) bis(2-Chloroethyl)ether	6.563	93	244042m	54.157	ng	
12) 1,3-Dichlorobenzene	6.763	146	235640	48.594	ng	97
13) 1,4-Dichlorobenzene	6.845	146	239947	49.100	ng	97
14) 1,2-Dichlorobenzene	6.992	146	226959	49.425	ng	97
15) Benzyl Alcohol	6.975	79	243116	52.393	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	292515	50.868	ng	93
17) 2-Methylphenol	7.087	107	190572	49.126	ng	98
18) Hexachloroethane	7.334	117	95792	48.543	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	191487	51.239	ng	98
20) 3+4-Methylphenols	7.240	107	246635	48.727	ng	90
22) Acetophenone	7.240	105	361485	50.502	ng	98
24) Nitrobenzene	7.416	77	296099	48.315	ng	99
25) Isophorone	7.657	82	526891	52.760	ng	99
26) 2-Nitrophenol	7.734	139	118213	49.611	ng	98
27) 2,4-Dimethylphenol	7.775	122	195791	57.605	ng	95
28) bis(2-Chloroethoxy)met...	7.869	93	291610	54.429	ng	99
29) 2,4-Dichlorophenol	7.975	162	200628	48.994	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	235691	48.545	ng	100
31) Naphthalene	8.139	128	639529	47.829	ng	100
32) Benzoic acid	7.898	122	86193	34.696	ng	95
33) 4-Chloroaniline	8.187	127	51664	10.070	ng	98
34) Hexachlorobutadiene	8.251	225	150986	45.455	ng	99
35) Caprolactam	8.575	113	50132m	41.349	ng	
36) 4-Chloro-3-methylphenol	8.686	107	233048	50.356	ng	97
37) 2-Methylnaphthalene	8.834	142	438297	48.841	ng	100
38) 1-Methylnaphthalene	8.934	142	401860	46.102	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	250068	50.547	ng	99
41) Hexachlorocyclopentadiene	8.981	237	245356	108.536	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	158737	50.097	ng	96

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44) 2,4,5-Trichlorophenol	9.163	196	169266	49.419	ng	93
46) 1,1'-Biphenyl	9.304	154	553378	51.300	ng	99
47) 2-Chloronaphthalene	9.328	162	441514	49.473	ng	98
48) 2-Nitroaniline	9.428	65	162919	49.806	ng	95
49) Acenaphthylene	9.745	152	664495	50.005	ng	99
50) Dimethylphthalate	9.610	163	528832	49.612	ng	100
51) 2,6-Dinitrotoluene	9.675	165	116603	50.533	ng	94
52) Acenaphthene	9.916	154	397773	49.598	ng	99
53) 3-Nitroaniline	9.839	138	54704	23.267	ng	96
54) 2,4-Dinitrophenol	9.951	184	82333	62.002	ng	95
55) Dibenzofuran	10.092	168	615151	49.784	ng	99
56) 4-Nitrophenol	10.016	139	151006	91.683	ng	91
57) 2,4-Dinitrotoluene	10.081	165	157462	49.898	ng	# 91
58) Fluorene	10.433	166	491425	48.717	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	142010m	50.524	ng	
60) Diethylphthalate	10.310	149	506166	49.338	ng	98
61) 4-Chlorophenyl-phenyle...	10.428	204	268822	51.263	ng	95
62) 4-Nitroaniline	10.469	138	104993	42.848	ng	96
63) Azobenzene	10.586	77	557969	49.006	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	70152	37.621	ng	98
66) n-Nitrosodiphenylamine	10.551	169	421966	50.508	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	161370	50.837	ng	97
68) Hexachlorobenzene	10.980	284	179056	51.350	ng	96
69) Atrazine	11.080	200	155668	56.598	ng	97
70) Pentachlorophenol	11.180	266	183408	106.297	ng	98
71) Phenanthrene	11.404	178	720913	47.867	ng	100
72) Anthracene	11.457	178	740596	50.267	ng	100
73) Carbazole	11.616	167	632005	48.591	ng	98
74) Di-n-butylphthalate	11.939	149	779224	49.565	ng	100
75) Fluoranthene	12.598	202	769819	43.883	ng	100
77) Benzidine	12.722	184	58043	25.228	ng	97
78) Pyrene	12.827	202	768711	65.510	ng	99
80) Butylbenzylphthalate	13.451	149	272348	62.575	ng	95
81) Benzo(a)anthracene	14.021	228	513204	50.630	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	78326	26.735	ng	98
83) Chrysene	14.057	228	480593	50.456	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	330878	62.437	ng	# 98
85) Di-n-octyl phthalate	14.627	149	455060	63.788	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	551727	59.763	ng	99
88) Benzo(b)fluoranthene	15.080	252	495682	46.521	ng	99
89) Benzo(k)fluoranthene	15.115	252	443396	43.070	ng	99
90) Benzo(a)pyrene	15.457	252	430732	52.215	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	462966	61.223	ng	99
92) Benzo(g,h,i)perylene	17.468	276	441499	49.213	ng	97

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

