

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
 Data File : BF131723.D
 Acq On : 20 Dec 2022 20:39
 Operator : CG\JU
 Sample : N6097-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FVSUB-TP1-COMP-01MS

Manual Integrations APPROVED

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

Quant Time: Dec 21 04:47:40 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	6.869	152	85338	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	317742	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	184429	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	353681	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	171700	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	176196	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	682869	134.743	ng	0.02
7) Phenol-d6	6.504	99	851211	124.788	ng	0.00
23) Nitrobenzene-d5	7.439	82	671113	85.745	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	293532	145.410	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1150573	87.391	ng	0.00
79) Terphenyl-d14	13.004	244	1296342	117.669	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	98416	41.556	ng	# 82
3) Pyridine	3.498	79	237521	35.173	ng	100
4) n-Nitrosodimethylamine	3.446	42	135062	44.206	ng	100
6) Aniline	6.528	93	193675	22.998	ng	# 88
8) 2-Chlorophenol	6.651	128	249861	45.903	ng	98
9) Benzaldehyde	6.416	77	126889	30.796	ng	98
10) Phenol	6.516	94	316140	38.818	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	279454	47.950	ng	98
12) 1,3-Dichlorobenzene	6.804	146	251070	40.804	ng	100
13) 1,4-Dichlorobenzene	6.886	146	252779	40.190	ng	98
14) 1,2-Dichlorobenzene	7.039	146	246240	41.814	ng	98
15) Benzyl Alcohol	7.016	79	277208	45.499	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	339020	45.620	ng	98
17) 2-Methylphenol	7.128	107	223038	43.404	ng	98
18) Hexachloroethane	7.381	117	101531	40.723	ng	95
19) n-Nitroso-di-n-propyla...	7.286	70	221947	45.115	ng	98
20) 3+4-Methylphenols	7.281	107	282870	42.771	ng	96
22) Acetophenone	7.286	105	412540	44.490	ng	# 98
24) Nitrobenzene	7.457	77	336160	42.247	ng	98
25) Isophorone	7.698	82	613430	46.150	ng	99
26) 2-Nitrophenol	7.775	139	133813	43.031	ng	96
27) 2,4-Dimethylphenol	7.810	122	227701	51.411	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	348644	49.394	ng	100
29) 2,4-Dichlorophenol	8.016	162	236949	44.315	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	258690	41.155	ng	99
31) Naphthalene	8.181	128	709686	40.897	ng	100
32) Benzoic acid	7.928	122	102668m	28.959	ng	
33) 4-Chloroaniline	8.228	127	75304	11.127	ng	98
34) Hexachlorobutadiene	8.292	225	168034	39.733	ng	98
35) Caprolactam	8.610	113	61534m	38.167	ng	
36) 4-Chloro-3-methylphenol	8.722	107	273256	44.738	ng	98
37) 2-Methylnaphthalene	8.875	142	504707	42.639	ng	99
38) 1-Methylnaphthalene	8.975	142	464834	40.546	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	286561	45.415	ng	99
41) Hexachlorocyclopentadiene	9.022	237	292622	102.361	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	185668	45.045	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	200981	45.041	ng	94
46) 1,1'-Biphenyl	9.339	154	643400	46.379	ng	100
47) 2-Chloronaphthalene	9.369	162	509435	44.846	ng	99
48) 2-Nitroaniline	9.469	65	185254	45.246	ng	99
49) Acenaphthylene	9.786	152	769762	45.179	ng	99
50) Dimethylphthalate	9.645	163	635766	45.813	ng	99
51) 2,6-Dinitrotoluene	9.710	165	134683	45.135	ng	98
52) Acenaphthene	9.957	154	465763	44.624	ng	99
53) 3-Nitroaniline	9.880	138	70252	23.009	ng	96
54) 2,4-Dinitrophenol	9.986	184	96130	53.765	ng	99
55) Dibenzofuran	10.127	168	712910	44.543	ng	100
56) 4-Nitrophenol	10.051	139	170078	77.829	ng	# 89
57) 2,4-Dinitrotoluene	10.116	165	183358	45.729	ng	97
58) Fluorene	10.475	166	574610	44.405	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	160012m	42.954	ng	
60) Diethylphthalate	10.345	149	604078	45.176	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	310156	45.097	ng	99
62) 4-Nitroaniline	10.504	138	121658	39.591	ng	98
63) Azobenzene	10.627	77	663861	45.210	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	82671	34.046	ng	98
66) n-Nitrosodiphenylamine	10.586	169	483768	44.107	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	191827	45.922	ng	95
68) Hexachlorobenzene	11.016	284	206532	44.955	ng	99
69) Atrazine	11.116	200	181436	49.626	ng	99
70) Pentachlorophenol	11.216	266	209446	85.896	ng	97
71) Phenanthrene	11.439	178	837476	43.425	ng	98
72) Anthracene	11.492	178	850535	45.042	ng	100
73) Carbazole	11.651	167	697276	42.680	ng	99
74) Di-n-butylphthalate	11.974	149	907982	44.634	ng	100
75) Fluoranthene	12.633	202	862339	40.149	ng	99
77) Benzidine	12.757	184	115289	36.618	ng	100
78) Pyrene	12.863	202	847935	54.317	ng	100
80) Butylbenzylphthalate	13.480	149	298719	54.255	ng	98
81) Benzo(a)anthracene	14.057	228	569853	46.082	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	89236	25.847	ng	98
83) Chrysene	14.092	228	526113	45.077	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	367495	55.975	ng	100
85) Di-n-octyl phthalate	14.657	149	519912	56.730	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	629119	53.158	ng	99
88) Benzo(b)fluoranthene	15.121	252	507275	40.694	ng	99
89) Benzo(k)fluoranthene	15.151	252	508138	41.774	ng	98
90) Benzo(a)pyrene	15.498	252	456242	46.206	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	528809	54.069	ng	99
92) Benzo(g,h,i)perylene	17.533	276	501349	51.863	ng	97

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

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