

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133895.D
 Acq On : 22 Jun 2023 11:47
 Operator : CG\JU
 Sample : 03229-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-402-COMP-09MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 02:26:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 02:21:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	96565	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	363129	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	187199	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	366896	20.000	ng	0.00
76) Chrysene-d12	14.051	240	228057	20.000	ng	0.00
86) Perylene-d12	15.557	264	240459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	674608	121.620	ng	0.02
7) Phenol-d6	6.504	99	761983	105.536	ng	0.00
23) Nitrobenzene-d5	7.422	82	618015	92.698	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	305628	128.978	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1140999	86.643	ng	0.00
79) Terphenyl-d14	12.992	244	1317472	89.389	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.810	88	95476	39.152	ng	# 81
3) Pyridine	3.551	79	179612	25.270	ng	99
4) n-Nitrosodimethylamine	3.487	42	170116	43.298	ng	97
6) Aniline	6.528	93	158215	17.398	ng	98
8) 2-Chlorophenol	6.651	128	289552	49.534	ng	94
9) Benzaldehyde	6.416	77	80982	16.906	ng	99
10) Phenol	6.516	94	301056	39.932	ng	98
11) bis(2-Chloroethyl)ether	6.598	93	282449	50.464	ng	97
12) 1,3-Dichlorobenzene	6.804	146	307604	49.251	ng	99
13) 1,4-Dichlorobenzene	6.875	146	312284	49.471	ng	98
14) 1,2-Dichlorobenzene	7.028	146	299879	52.574	ng	99
15) Benzyl Alcohol	7.004	79	262598	46.567	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	476948	50.269	ng	98
17) 2-Methylphenol	7.116	107	230665	44.520	ng	99
18) Hexachloroethane	7.369	117	117729	54.477	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	214263	46.642	ng	99
20) 3+4-Methylphenols	7.269	107	277031	41.102	ng	# 79
22) Acetophenone	7.269	105	412567	49.536	ng	95
24) Nitrobenzene	7.445	77	323259	48.152	ng	97
25) Isophorone	7.681	82	586484	47.916	ng	99
26) 2-Nitrophenol	7.757	139	160101	53.140	ng	98
27) 2,4-Dimethylphenol	7.798	122	255235	49.151	ng	96
28) bis(2-Chloroethoxy)met...	7.892	93	345847	48.889	ng	100
29) 2,4-Dichlorophenol	7.998	162	252611	49.634	ng	99
30) 1,2,4-Trichlorobenzene	8.081	180	265130	49.930	ng	97
31) Naphthalene	8.163	128	836234	47.267	ng	100
32) Benzoic acid	7.922	122	174265	53.209	ng	93
33) 4-Chloroaniline	8.210	127	56737	7.500	ng	96
34) Hexachlorobutadiene	8.275	225	165271	47.538	ng	97
35) Caprolactam	8.586	113	69525m	40.597	ng	
36) 4-Chloro-3-methylphenol	8.698	107	282137	48.094	ng	99
37) 2-Methylnaphthalene	8.851	142	572360	46.562	ng	100
38) 1-Methylnaphthalene	8.951	142	534180	47.225	ng	96
40) 1,2,4,5-Tetrachloroben...	9.022	216	268879	47.246	ng	98
41) Hexachlorocyclopentadiene	9.004	237	320394	126.333	ng	97
43) 2,4,6-Trichlorophenol	9.133	196	181998	47.857	ng	98

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44) 2,4,5-Trichlorophenol	9.181	196	199487	45.089	ng	98
46) 1,1'-Biphenyl	9.322	154	726193	48.099	ng	99
47) 2-Chloronaphthalene	9.345	162	531697	49.095	ng	100
48) 2-Nitroaniline	9.445	65	188664	47.633	ng	99
49) Acenaphthylene	9.763	152	885805	46.993	ng	100
50) Dimethylphthalate	9.622	163	656422	46.978	ng	99
51) 2,6-Dinitrotoluene	9.686	165	143790	49.856	ng	# 82
52) Acenaphthene	9.933	154	521066	47.227	ng	100
53) 3-Nitroaniline	9.857	138	100200	28.549	ng	93
54) 2,4-Dinitrophenol	9.969	184	172291	119.228	ng	98
55) Dibenzofuran	10.110	168	800838	47.568	ng	99
56) 4-Nitrophenol	10.028	139	215714	91.067	ng	82
57) 2,4-Dinitrotoluene	10.092	165	191148	52.112	ng	95
58) Fluorene	10.451	166	628081	48.784	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	173054	52.244	ng	98
60) Diethylphthalate	10.328	149	684690	48.146	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	300027	47.204	ng	96
62) 4-Nitroaniline	10.475	138	154572	44.917	ng	96
63) Azobenzene	10.604	77	639743	47.520	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	108630	61.961	ng	84
66) n-Nitrosodiphenylamine	10.563	169	557602	45.245	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	188096	45.933	ng	98
68) Hexachlorobenzene	10.998	284	212542	49.356	ng	98
69) Atrazine	11.098	200	184453	51.583	ng	97
70) Pentachlorophenol	11.198	266	219405	85.086	ng	100
71) Phenanthrene	11.416	178	890851	47.858	ng	99
72) Anthracene	11.469	178	926107	47.715	ng	99
73) Carbazole	11.627	167	863069	47.744	ng	99
74) Di-n-butylphthalate	11.957	149	1070928	46.211	ng	99
75) Fluoranthene	12.616	202	967238	48.931	ng	100
77) Benzdine	12.739	184	89933	11.752	ng	98
78) Pyrene	12.845	202	979609	46.111	ng	100
80) Butylbenzylphthalate	13.468	149	417456	46.546	ng	99
81) Benzo(a)anthracene	14.045	228	746389	47.315	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	202030	38.522	ng	98
83) Chrysene	14.080	228	718999	48.190	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	552473	50.029	ng	98
85) Di-n-octyl phthalate	14.651	149	878919	56.008	ng	99
87) Indeno(1,2,3-cd)pyrene	17.115	276	869235	52.544	ng	99
88) Benzo(b)fluoranthene	15.115	252	721316	49.382	ng	98
89) Benzo(k)fluoranthene	15.145	252	705264	49.566	ng	98
90) Benzo(a)pyrene	15.498	252	639416	47.167	ng	100
91) Dibenzo(a,h)anthracene	17.139	278	708076	51.701	ng	100
92) Benzo(g,h,i)perylene	17.592	276	709443	52.246	ng	97

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

