

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102122\
 Data File : BF130754.D
 Acq On : 21 Oct 2022 19:57
 Operator : CG\JU
 Sample : N5184-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-101822MSD

Quant Time: Oct 21 22:57:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 06:12:36 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo

10/24/2022

Supervised By :Jagrut
 Upadhyay

10/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	79576	20.000	ng	0.00
21) Naphthalene-d8	7.851	136	306739	20.000	ng	0.00
39) Acenaphthene-d10	9.598	164	127480	20.000	ng	0.00
64) Phenanthrene-d10	11.080	188	182200	20.000	ng	0.00
76) Chrysene-d12	13.715	240	111775	20.000	ng	0.01
86) Perylene-d12	15.098	264	97558	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	509608	110.431	ng	0.02
7) Phenol-d6	6.234	99	584471	104.680	ng	0.01
23) Nitrobenzene-d5	7.139	82	358953	62.078	ng	0.00
42) 2,4,6-Tribromophenol	10.392	330	101888	84.043	ng	0.00
45) 2-Fluorobiphenyl	8.928	172	640609	76.580	ng	0.00
79) Terphenyl-d14	12.657	244	482907	72.806	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.175	88	83591	30.446	ng	98
3) Pyridine	2.840	79	192130	36.298	ng	98
4) n-Nitrosodimethylamine	2.804	42	104418	44.402	ng	99
6) Aniline	6.234	93	135367	21.044	ng	93
8) 2-Chlorophenol	6.357	128	223602	41.876	ng	96
9) Benzaldehyde	6.116	77	102569	31.463	ng	97
10) Phenol	6.245	94	263424	42.794	ng	# 78
11) bis(2-Chloroethyl)ether	6.310	93	203309	44.468	ng	99
12) 1,3-Dichlorobenzene	6.504	146	239961	41.368	ng	100
13) 1,4-Dichlorobenzene	6.581	146	244419	40.967	ng	98
14) 1,2-Dichlorobenzene	6.734	146	229018	40.628	ng	99
15) Benzyl Alcohol	6.734	79	147920	36.117	ng	95
16) 2,2'-oxybis(1-Chloropr...	6.851	45	248252	42.331	ng	68
17) 2-Methylphenol	6.851	107	187360	42.653	ng	97
18) Hexachloroethane	7.069	117	69639	31.253	ng	96
19) n-Nitroso-di-n-propyla...	6.992	70	151441	40.140	ng	98
20) 3+4-Methylphenols	7.010	107	224685	39.025	ng	# 81
22) Acetophenone	6.986	105	317402	42.418	ng	# 98
24) Nitrobenzene	7.163	77	216664	36.834	ng	95
25) Isophorone	7.398	82	396362	41.604	ng	100
26) 2-Nitrophenol	7.475	139	92790	31.463	ng	98
27) 2,4-Dimethylphenol	7.528	122	186681	46.785	ng	98
28) bis(2-Chloroethoxy)met...	7.610	93	247568	44.860	ng	100
29) 2,4-Dichlorophenol	7.733	162	168854	38.377	ng	99
30) 1,2,4-Trichlorobenzene	7.792	180	183249	39.660	ng	98
31) Naphthalene	7.869	128	642115	40.600	ng	99
32) Benzoic acid	7.675	122	30737	17.650	ng	93
33) 4-Chloroaniline	7.933	127	114920	18.887	ng	95
34) Hexachlorobutadiene	7.986	225	125831	42.834	ng	98
35) Caprolactam	8.316	113	53429	38.854	ng	# 76
36) 4-Chloro-3-methylphenol	8.439	107	175312	36.867	ng	94
37) 2-Methylnaphthalene	8.563	142	396609	38.273	ng	98
38) 1-Methylnaphthalene	8.657	142	357117	34.759	ng	100
40) 1,2,4,5-Tetrachloroben...	8.728	216	169941	50.238	ng	100
43) 2,4,6-Trichlorophenol	8.851	196	104822	49.235	ng	97
44) 2,4,5-Trichlorophenol	8.904	196	105216	45.442	ng	# 94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.027	154	468012	52.635	ng	98
47) 2-Chloronaphthalene	9.051	162	339169	45.869	ng	98
48) 2-Nitroaniline	9.163	65	107688	47.448	ng	97
49) Acenaphthylene	9.457	152	441823	40.552	ng	99
50) Dimethylphthalate	9.333	163	390207	45.506	ng	100
51) 2,6-Dinitrotoluene	9.404	165	69536	36.213	ng	97
52) Acenaphthene	9.633	154	291247	43.007	ng	100
53) 3-Nitroaniline	9.575	138	79959	36.544	ng	93
54) 2,4-Dinitrophenol	9.769	184	2344m	11.216	ng	
55) Dibenzofuran	9.804	168	446147	42.801	ng	97
56) 4-Nitrophenol	9.774	139	51804	75.882	ng	97
57) 2,4-Dinitrotoluene	9.810	165	80549	31.141	ng	90
58) Fluorene	10.145	166	367347	42.374	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.933	232	77090	41.879	ng	# 92
60) Diethylphthalate	10.027	149	394798	44.625	ng	99
61) 4-Chlorophenyl-phenyle...	10.139	204	162880	41.919	ng	95
62) 4-Nitroaniline	10.186	138	86663	41.756	ng	99
63) Azobenzene	10.298	77	307199	39.547	ng	100
65) 4,6-Dinitro-2-methylph...	10.233	198	2891	2.655	ng	# 1
66) n-Nitrosodiphenylamine	10.263	169	317284	50.516	ng	100
67) 4-Bromophenyl-phenylether	10.627	248	105140	47.974	ng	96
68) Hexachlorobenzene	10.692	284	100717	40.207	ng	99
69) Atrazine	10.792	200	81210	46.688	ng	97
70) Pentachlorophenol	10.904	266	48040	79.430	ng	97
71) Phenanthrene	11.104	178	731120	73.175	ng	99
72) Anthracene	11.157	178	507270	50.877	ng	100
73) Carbazole	11.321	167	411991	44.755	ng	100
74) Di-n-butylphthalate	11.645	149	503522	44.471	ng	99
75) Fluoranthene	12.292	202	859288	85.071	ng	99
77) Benzidine	12.427	184	40822	17.745	ng	# 91
78) Pyrene	12.515	202	815647	86.935	ng	99
80) Butylbenzylphthalate	13.139	149	194585	52.268	ng	99
81) Benzo(a)anthracene	13.704	228	439860	58.894	ng	98
82) 3,3'-Dichlorobenzidine	13.668	252	68236	31.461	ng	94
83) Chrysene	13.739	228	395008	54.586	ng	99
84) Bis(2-ethylhexyl)phtha...	13.692	149	246452	55.884	ng	100
85) Di-n-octyl phthalate	14.304	149	362284	62.311	ng	96
87) Indeno(1,2,3-cd)pyrene	16.403	276	261245	37.337	ng	97
88) Benzo(b)fluoranthene	14.715	252	457952	70.501	ng	# 91
89) Benzo(k)fluoranthene	14.739	252	275751	42.254	ng	# 96
90) Benzo(a)pyrene	15.045	252	324520	62.202	ng	97
91) Dibenzo(a,h)anthracene	16.409	278	203106	35.130	ng	97
92) Benzo(g,h,i)perylene	16.798	276	218620	37.703	ng	99

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

