

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
 Data File : BF132594.D
 Acq On : 01 Mar 2023 16:43
 Operator : CG\JU
 Sample : 01739-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1-COMP-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/02/2023
 Supervised By :Jagrut Upadhyay 03/02/2023

Quant Time: Mar 02 03:17:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							03/02/2023 Supervised By :Jagrut Upadhyay
1) 1,4-Dichlorobenzene-d4	7.004	152	210880	20.000	ng	0.00	
21) Naphthalene-d8	8.292	136	737661	20.000	ng	0.00	
39) Acenaphthene-d10	10.051	164	330701	20.000	ng	0.00	
64) Phenanthrene-d10	11.545	188	534330	20.000	ng	0.00	
76) Chrysene-d12	14.204	240	444485	20.000	ng	# 0.00	
86) Perylene-d12	15.757	264	433861	20.000	ng	0.00	03/02/2023
System Monitoring Compounds							
5) 2-Fluorophenol	5.640	112	1245584	95.862	ng	0.00	
7) Phenol-d6	6.634	99	1583798	93.397	ng	0.00	
23) Nitrobenzene-d5	7.569	82	990042	63.677	ng	0.00	
42) 2,4,6-Tribromophenol	10.845	330	310971	87.072	ng	0.00	
45) 2-Fluorobiphenyl	9.363	172	1493444	68.763	ng	0.00	
79) Terphenyl-d14	13.133	244	1402912	53.364	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.934	88	286565	39.870	ng		95
3) Pyridine	3.693	79	749446	39.283	ng		95
4) n-Nitrosodimethylamine	3.657	42	283641	39.359	ng		88
6) Aniline	6.669	93	736662	32.280	ng		94
8) 2-Chlorophenol	6.792	128	592977	43.971	ng		95
9) Benzaldehyde	6.557	77	306977	33.548	ng		97
10) Phenol	6.645	94	783442	40.297	ng		94
11) bis(2-Chloroethyl)ether	6.734	93	643319	42.864	ng		96
12) 1,3-Dichlorobenzene	6.945	146	634962	43.876	ng		98
13) 1,4-Dichlorobenzene	7.022	146	634704	43.923	ng		99
14) 1,2-Dichlorobenzene	7.175	146	601593	43.380	ng		98
15) Benzyl Alcohol	7.145	79	524303	40.146	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.275	45	798610	41.727	ng		99
17) 2-Methylphenol	7.251	107	483860	38.445	ng		96
18) Hexachloroethane	7.516	117	238160	42.186	ng		97
19) n-Nitroso-di-n-propyla...	7.416	70	380348	36.445	ng		92
20) 3+4-Methylphenols	7.404	107	560235	34.455	ng	#	79
22) Acetophenone	7.416	105	740551	39.813	ng	#	84
24) Nitrobenzene	7.587	77	651896	39.204	ng		97
25) Isophorone	7.822	82	1168510	39.200	ng		99
26) 2-Nitrophenol	7.904	139	306992	41.843	ng		95
27) 2,4-Dimethylphenol	7.934	122	482375	41.658	ng		99
28) bis(2-Chloroethoxy)met...	8.028	93	722596	41.438	ng		99
29) 2,4-Dichlorophenol	8.145	162	461805	40.092	ng		99
30) 1,2,4-Trichlorobenzene	8.228	180	519501	41.535	ng		99
31) Naphthalene	8.316	128	1495370	39.598	ng		100
32) Benzoic acid	8.045	122	337246	37.842	ng		98
33) 4-Chloroaniline	8.357	127	265310	16.395	ng		95
34) Hexachlorobutadiene	8.422	225	323550	40.709	ng		99
35) Caprolactam	8.734	113	144542m	38.063	ng		
36) 4-Chloro-3-methylphenol	8.839	107	466271	36.860	ng		95
37) 2-Methylnaphthalene	9.004	142	953490	37.050	ng		99
38) 1-Methylnaphthalene	9.104	142	885843	36.832	ng		99
40) 1,2,4,5-Tetrachloroben...	9.169	216	496274	45.867	ng		99
41) Hexachlorocyclopentadiene	9.157	237	309660	52.766	ng		100
43) 2,4,6-Trichlorophenol	9.281	196	312571	42.628	ng		99

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44) 2,4,5-Trichlorophenol	9.328	196	332815	38.889	ng	98	03/02/2023
46) 1,1'-Biphenyl	9.469	154	1127915	45.062	ng	98	Supervised By :Jagrut Upadhyay
47) 2-Chloronaphthalene	9.498	162	874512	44.067	ng	98	
48) 2-Nitroaniline	9.592	65	278072	38.045	ng	88	
49) Acenaphthylene	9.916	152	1302046	41.225	ng	100	
50) Dimethylphthalate	9.763	163	1043709	43.345	ng	99	
51) 2,6-Dinitrotoluene	9.833	165	223787	40.809	ng	# 85	03/02/2023
52) Acenaphthene	10.086	154	846955	42.231	ng	99	
53) 3-Nitroaniline	10.004	138	183012	29.834	ng	93	
54) 2,4-Dinitrophenol	10.110	184	163528	48.075	ng	92	
55) Dibenzofuran	10.257	168	1165319	39.857	ng	99	
56) 4-Nitrophenol	10.163	139	323499	70.714	ng	94	
57) 2,4-Dinitrotoluene	10.239	165	281199	38.544	ng	# 87	
58) Fluorene	10.604	166	867931	38.809	ng	98	
59) 2,3,4,6-Tetrachlorophenol	10.375	232	249175	39.195	ng	98	
60) Diethylphthalate	10.469	149	958836	40.772	ng	99	
61) 4-Chlorophenyl-phenyle...	10.592	204	471082	40.605	ng	92	
62) 4-Nitroaniline	10.622	138	192931	32.040	ng	88	
63) Azobenzene	10.751	77	976048	39.189	ng	98	
65) 4,6-Dinitro-2-methylph...	10.645	198	109570	30.292	ng	98	
66) n-Nitrosodiphenylamine	10.710	169	763620	45.841	ng	98	
67) 4-Bromophenyl-phenylether	11.086	248	271339	44.893	ng	95	
68) Hexachlorobenzene	11.151	284	284306	44.704	ng	# 93	
69) Atrazine	11.233	200	242865	46.700	ng	99	
70) Pentachlorophenol	11.351	266	299661	79.195	ng	98	
71) Phenanthrene	11.575	178	1208736	43.667	ng	98	
72) Anthracene	11.622	178	1190185	41.754	ng	99	
73) Carbazole	11.780	167	1079115	41.989	ng	98	
74) Di-n-butylphthalate	12.098	149	1295818	42.984	ng	99	
75) Fluoranthene	12.769	202	1334705	44.107	ng	99	
77) Benzidine	12.886	184	712785	65.876	ng	100	
78) Pyrene	12.998	202	1393862	34.492	ng	99	
80) Butylbenzylphthalate	13.610	149	585487	36.714	ng	97	
81) Benzo(a)anthracene	14.192	228	1359389	40.875	ng	99	
82) 3,3'-Dichlorobenzidine	14.151	252	425409	43.387	ng	100	
83) Chrysene	14.233	228	1296152	41.677	ng	99	
84) Bis(2-ethylhexyl)phtha...	14.163	149	798693	40.770	ng	98	
85) Di-n-octyl phthalate	14.792	149	1493257	52.162	ng	99	
87) Indeno(1,2,3-cd)pyrene	17.362	276	1042931	36.686	ng	99	
88) Benzo(b)fluoranthene	15.298	252	1320459	45.415	ng	99	
89) Benzo(k)fluoranthene	15.327	252	1213317	42.639	ng	98	
90) Benzo(a)pyrene	15.692	252	1078308	39.626	ng	99	
91) Dibenzo(a,h)anthracene	17.380	278	870186	37.569	ng	99	
92) Benzo(g,h,i)perylene	17.851	276	820760	31.915	ng	99	

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

