

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
 Data File : BF134760.D
 Acq On : 14 Aug 2023 15:31
 Operator : CG\JU
 Sample : 03975-06MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB03-Z96-98MS

Quant Time: Aug 15 00:31:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/15/2023
 Supervised By :Sohil Jodhani 08/15/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	172166	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	655858	20.000	ng	# 0.00
39) Acenaphthene-d10	9.834	164	305417	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	529187	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	320633	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	331748	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1011858	89.340	ng	0.01
7) Phenol-d6	6.440	99	1280518	88.445	ng	0.00
23) Nitrobenzene-d5	7.363	82	773793	73.730	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	320011	102.784	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1306765	71.140	ng	0.00
79) Terphenyl-d14	12.916	244	1331278	73.195	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	190759	36.607	ng	# 93
3) Pyridine	3.375	79	475092	33.645	ng	91
4) n-Nitrosodimethylamine	3.340	42	251081	37.214	ng	# 58
6) Aniline	6.463	93	450217	23.708	ng	97
8) 2-Chlorophenol	6.587	128	503949	44.109	ng	96
9) Benzaldehyde	6.351	77	224459	29.175	ng	99
10) Phenol	6.457	94	593202	41.577	ng	91
11) bis(2-Chloroethyl)ether	6.540	93	465806	41.098	ng	94
12) 1,3-Dichlorobenzene	6.740	146	520841	44.061	ng	96
13) 1,4-Dichlorobenzene	6.816	146	515150	43.483	ng	97
14) 1,2-Dichlorobenzene	6.969	146	493682	44.724	ng	96
15) Benzyl Alcohol	6.945	79	414681	41.518	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.075	45	701105	39.484	ng	91
17) 2-Methylphenol	7.057	107	389222	38.552	ng	94
18) Hexachloroethane	7.310	117	159921	38.461	ng	91
19) n-Nitroso-di-n-propyla...	7.216	70	315802	36.431	ng	92
20) 3+4-Methylphenols	7.210	107	449201	36.893	ng	91
22) Acetophenone	7.210	105	605307	39.978	ng	# 91
24) Nitrobenzene	7.381	77	499977	44.097	ng	96
25) Isophorone	7.622	82	904565	39.517	ng	99
26) 2-Nitrophenol	7.698	139	241454	49.841	ng	# 85
27) 2,4-Dimethylphenol	7.734	122	399324	39.097	ng	86
28) bis(2-Chloroethoxy)met...	7.834	93	552014	40.313	ng	99
29) 2,4-Dichlorophenol	7.940	162	394303	42.536	ng	97
30) 1,2,4-Trichlorobenzene	8.022	180	427875	43.284	ng	98
31) Naphthalene	8.104	128	1332185	40.416	ng	99
32) Benzoic acid	7.863	122	289970m	44.256	ng	
33) 4-Chloroaniline	8.151	127	154355	10.510	ng	96
34) Hexachlorobutadiene	8.216	225	249565	43.768	ng	98
35) Caprolactam	8.528	113	132047m	44.152	ng	
36) 4-Chloro-3-methylphenol	8.640	107	408856	41.647	ng	93
37) 2-Methylnaphthalene	8.792	142	835614	38.246	ng	100
38) 1-Methylnaphthalene	8.892	142	786729	38.723	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	395589	44.542	ng	99
41) Hexachlorocyclopentadiene	8.945	237	232102	53.742	ng	96
43) 2,4,6-Trichlorophenol	9.075	196	266100	45.781	ng	93

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44) 2,4,5-Trichlorophenol	9.116	196	283005	42.601	ng	89
46) 1,1'-Biphenyl	9.257	154	1032493	43.473	ng	98
47) 2-Chloronaphthalene	9.281	162	768730	43.197	ng	98
48) 2-Nitroaniline	9.381	65	251215	45.459	ng	90
49) Acenaphthylene	9.698	152	1195201	42.726	ng	100
50) Dimethylphthalate	9.563	163	933106	44.826	ng	99
51) 2,6-Dinitrotoluene	9.628	165	205415	48.153	ng	# 75
52) Acenaphthene	9.869	154	790709m	43.618	ng	
53) 3-Nitroaniline	9.792	138	144555	31.156	ng	99
54) 2,4-Dinitrophenol	9.904	184	133912	79.351	ng	# 79
55) Dibenzofuran	10.045	168	1037669	40.210	ng	94
56) 4-Nitrophenol	9.963	139	327839	86.393	ng	# 68
57) 2,4-Dinitrotoluene	10.034	165	253060	49.057	ng	# 83
58) Fluorene	10.386	166	769320	40.928	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.163	232	230476	43.853	ng	96
60) Diethylphthalate	10.263	149	860127	43.593	ng	98
61) 4-Chlorophenyl-phenyle...	10.381	204	383406	41.498	ng	93
62) 4-Nitroaniline	10.410	138	192792	42.394	ng	86
63) Azobenzene	10.539	77	799555	37.716	ng	97
65) 4,6-Dinitro-2-methylph...	10.439	198	97422	45.993	ng	# 76
66) n-Nitrosodiphenylamine	10.498	169	721083	42.810	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	250875	43.307	ng	99
68) Hexachlorobenzene	10.933	284	276772	45.245	ng	95
69) Atrazine	11.033	200	241895	53.282	ng	99
70) Pentachlorophenol	11.128	266	266036	70.239	ng	95
71) Phenanthrene	11.351	178	1163782	41.404	ng	100
72) Anthracene	11.404	178	1204248	41.944	ng	99
73) Carbazole	11.557	167	1054204	41.123	ng	99
74) Di-n-butylphthalate	11.892	149	1220837	44.826	ng	98
75) Fluoranthene	12.539	202	1178253	39.684	ng	96
77) Benzidine	12.669	184	504179	72.437	ng	99
78) Pyrene	12.775	202	1200878	43.283	ng	97
80) Butylbenzylphthalate	13.398	149	452758	48.259	ng	# 95
81) Benzo(a)anthracene	13.963	228	907420	39.579	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	258675	38.924	ng	# 96
83) Chrysene	14.004	228	897056	40.161	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	515225	46.667	ng	98
85) Di-n-octyl phthalate	14.580	149	877765	52.281	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	932630	47.800	ng	# 92
88) Benzo(b)fluoranthene	15.016	252	820583	40.557	ng	# 97
89) Benzo(k)fluoranthene	15.045	252	813533	40.363	ng	# 98
90) Benzo(a)pyrene	15.386	252	741661	39.314	ng	# 98
91) Dibenzo(a,h)anthracene	16.968	278	761219	48.277	ng	# 95
92) Benzo(g,h,i)perylene	17.398	276	742183	46.143	ng	# 93

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

