

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136005.D
 Acq On : 28 Oct 2023 15:03
 Operator : CG\JU
 Sample : 04976-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-426-COMP-01MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

Quant Time: Oct 30 00:25:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	169315	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	671899	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	346459	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	643077	20.000	ng	0.00
76) Chrysene-d12	14.015	240	347156	20.000	ng	0.00
86) Perylene-d12	15.498	264	368332	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1352374	123.338	ng	0.02
7) Phenol-d6	6.463	99	1590086	116.483	ng	0.00
23) Nitrobenzene-d5	7.392	82	1060996	100.019	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	519326	171.251	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1901040	87.861	ng	0.00
79) Terphenyl-d14	12.957	244	2191444	105.469	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.793	88	210354	41.299	ng	Qvalue # 84
3) Pyridine	3.499	79	422226	30.033	ng	95
4) n-Nitrosodimethylamine	3.446	42	260039	42.421	ng	97
6) Aniline	6.492	93	212192	11.544	ng	93
8) 2-Chlorophenol	6.610	128	580739	51.161	ng	99
9) Benzaldehyde	6.375	77	34932	4.731	ng	97
10) Phenol	6.481	94	614819m	43.082	ng	
11) bis(2-Chloroethyl)ether	6.569	93	545301	49.090	ng	100
12) 1,3-Dichlorobenzene	6.769	146	589705	48.910	ng	97
13) 1,4-Dichlorobenzene	6.845	146	595326	49.164	ng	98
14) 1,2-Dichlorobenzene	6.992	146	566584	50.387	ng	98
15) Benzyl Alcohol	6.969	79	430022	44.562	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	750313	45.866	ng	94
17) 2-Methylphenol	7.081	107	470621	47.042	ng	98
18) Hexachloroethane	7.339	117	211918	51.468	ng	93
19) n-Nitroso-di-n-propyla...	7.245	70	373566	48.124	ng	96
20) 3+4-Methylphenols	7.234	107	533517	44.186	ng	# 87
22) Acetophenone	7.239	105	755904	49.811	ng	# 96
24) Nitrobenzene	7.410	77	565639	50.682	ng	100
25) Isophorone	7.651	82	1057907	49.812	ng	98
26) 2-Nitrophenol	7.722	139	289629	63.775	ng	99
27) 2,4-Dimethylphenol	7.763	122	444751	45.948	ng	98
28) bis(2-Chloroethoxy)met...	7.863	93	647506	49.648	ng	99
29) 2,4-Dichlorophenol	7.963	162	470468	54.278	ng	98
30) 1,2,4-Trichlorobenzene	8.051	180	504096	51.365	ng	99
31) Naphthalene	8.134	128	1601871	49.312	ng	100
32) Benzoic acid	7.892	122	342215	62.192	ng	92
33) 4-Chloroaniline	8.181	127	51336	3.576	ng	98
34) Hexachlorobutadiene	8.245	225	280472	50.704	ng	99
35) Caprolactam	8.557	113	144978m	50.262	ng	
36) 4-Chloro-3-methylphenol	8.663	107	500832	54.372	ng	98
37) 2-Methylnaphthalene	8.822	142	1015169	47.232	ng	98
38) 1-Methylnaphthalene	8.922	142	982560	48.925	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	474665	48.508	ng	100
41) Hexachlorocyclopentadiene	8.975	237	534272	110.729	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	327100	57.113	ng	99

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44) 2,4,5-Trichlorophenol	9.145	196	364184	53.556	ng	99
46) 1,1'-Biphenyl	9.292	154	1286987	49.024	ng	99
47) 2-Chloronaphthalene	9.316	162	981214	50.532	ng	99
48) 2-Nitroaniline	9.410	65	304810	55.455	ng	97
49) Acenaphthylene	9.728	152	1549648	50.586	ng	99
50) Dimethylphthalate	9.598	163	1141548	50.808	ng	99
51) 2,6-Dinitrotoluene	9.657	165	262865	55.580	ng	# 78
52) Acenaphthene	9.904	154	1083630m	55.197	ng	
53) 3-Nitroaniline	9.816	138	88045	18.857	ng	94
54) 2,4-Dinitrophenol	9.928	184	261688	110.557	ng	95
55) Dibenzofuran	10.075	168	1385697	48.858	ng	100
56) 4-Nitrophenol	9.986	139	434343	94.606	ng	95
57) 2,4-Dinitrotoluene	10.063	165	349710	59.118	ng	90
58) Fluorene	10.422	166	1023547	48.238	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	311631	60.901	ng	97
60) Diethylphthalate	10.298	149	1108256	51.727	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	496829	48.540	ng	97
62) 4-Nitroaniline	10.439	138	219719	40.607	ng	94
63) Azobenzene	10.575	77	1044873	48.057	ng	97
65) 4,6-Dinitro-2-methylph...	10.463	198	172512	68.113	ng	98
66) n-Nitrosodiphenylamine	10.533	169	867617	44.660	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	338752	51.437	ng	98
68) Hexachlorobenzene	10.969	284	380876	54.138	ng	# 89
69) Atrazine	11.063	200	157239	29.690	ng	100
70) Pentachlorophenol	11.163	266	456816	101.229	ng	99
71) Phenanthrene	11.386	178	1612623	49.566	ng	100
72) Anthracene	11.439	178	1648298	49.479	ng	100
73) Carbazole	11.592	167	1296011	43.612	ng	100
74) Di-n-butylphthalate	11.933	149	1718141	54.333	ng	100
75) Fluoranthene	12.580	202	1638118	47.859	ng	100
77) Benzidine	12.704	184	26278	3.926	ng	# 87
78) Pyrene	12.810	202	1646668	56.492	ng	99
80) Butylbenzylphthalate	13.439	149	670107	59.807	ng	93
81) Benzo(a)anthracene	14.004	228	1193458	50.560	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	67072	9.340	ng	96
83) Chrysene	14.039	228	1164070	50.634	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	798137	66.588	ng	99
85) Di-n-octyl phthalate	14.627	149	1323387	70.088	ng	97
87) Indeno(1,2,3-cd)pyrene	17.015	276	1165261	55.792	ng	98
88) Benzo(b)fluoranthene	15.062	252	1152500	52.577	ng	99
89) Benzo(k)fluoranthene	15.098	252	1005911	46.725	ng	99
90) Benzo(a)pyrene	15.439	252	979715	48.495	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	977784	54.733	ng	97
92) Benzo(g,h,i)perylene	17.480	276	900399	44.616	ng	99

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

