

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
 Data File : BF132790.D
 Acq On : 14 Mar 2023 21:32
 Operator : CG\JU
 Sample : 01905-10MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MAPLE-3MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/15/2023
 Supervised By :Jagrut Upadhyay 03/15/2023

Quant Time: Mar 15 02:29:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 15:35:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	219815	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	821742	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	429071	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	755317	20.000	ng	0.00
76) Chrysene-d12	14.157	240	416738	20.000	ng	# 0.00
86) Perylene-d12	15.686	264	439348	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	1363117	100.644	ng	0.01
7) Phenol-d6	6.604	99	1769098	100.084	ng	0.00
23) Nitrobenzene-d5	7.534	82	1137836	65.694	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	444749	95.980	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1761196	62.500	ng	0.00
79) Terphenyl-d14	13.086	244	1627579	66.032	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.893	88	302148	40.330	ng	94
3) Pyridine	3.651	79	778543	39.149	ng	93
4) n-Nitrosodimethylamine	3.622	42	298556	39.745	ng	85
6) Aniline	6.634	93	779805	32.782	ng	94
8) 2-Chlorophenol	6.757	128	665685	47.356	ng	93
9) Benzaldehyde	6.522	77	297743	31.216	ng	93
10) Phenol	6.616	94	858063	42.342	ng	96
11) bis(2-Chloroethyl)ether	6.698	93	706255	45.144	ng	96
12) 1,3-Dichlorobenzene	6.910	146	690246	45.757	ng	97
13) 1,4-Dichlorobenzene	6.987	146	689153	45.753	ng	97
14) 1,2-Dichlorobenzene	7.134	146	671297	46.438	ng	99
15) Benzyl Alcohol	7.110	79	586696	43.098	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.239	45	810858	40.645	ng	95
17) 2-Methylphenol	7.222	107	547572	41.739	ng	97
18) Hexachloroethane	7.475	117	270298	45.933	ng	98
19) n-Nitroso-di-n-propyla...	7.381	70	402924	37.038	ng	93
20) 3+4-Methylphenols	7.375	107	590222	34.824	ng	99
22) Acetophenone	7.375	105	801890	38.700	ng	93
24) Nitrobenzene	7.557	77	735905	39.728	ng	94
25) Isophorone	7.786	82	1358136	40.900	ng	99
26) 2-Nitrophenol	7.869	139	366568	44.851	ng	93
27) 2,4-Dimethylphenol	7.904	122	559464	43.372	ng	98
28) bis(2-Chloroethoxy)met...	7.992	93	834430	42.956	ng	99
29) 2,4-Dichlorophenol	8.110	162	552461	43.055	ng	99
30) 1,2,4-Trichlorobenzene	8.192	180	604511	43.386	ng	97
31) Naphthalene	8.275	128	1715778	40.786	ng	99
32) Benzoic acid	8.034	122	366917m	37.048	ng	
33) 4-Chloroaniline	8.322	127	258748	14.353	ng	# 93
34) Hexachlorobutadiene	8.381	225	381031	43.035	ng	99
35) Caprolactam	8.704	113	196009m	46.335	ng	
36) 4-Chloro-3-methylphenol	8.810	107	584993	41.513	ng	92
37) 2-Methylnaphthalene	8.963	142	1155666	40.311	ng	98
38) 1-Methylnaphthalene	9.063	142	1066668	39.813	ng	100
40) 1,2,4,5-Tetrachloroben...	9.133	216	618062	44.027	ng	99
41) Hexachlorocyclopentadiene	9.116	237	534617	70.213	ng	99
43) 2,4,6-Trichlorophenol	9.245	196	410893	43.190	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.292	196	436821	39.340	ng	99
46) 1,1'-Biphenyl	9.428	154	1376812	42.395	ng	99
47) 2-Chloronaphthalene	9.457	162	1122590	43.599	ng	99
48) 2-Nitroaniline	9.557	65	363196	38.299	ng	88
49) Acenaphthylene	9.875	152	1699833	41.481	ng	99
50) Dimethylphthalate	9.728	163	1356610	43.423	ng	100
51) 2,6-Dinitrotoluene	9.798	165	309234	43.462	ng	88
52) Acenaphthene	10.045	154	1144077m	43.967	ng	
53) 3-Nitroaniline	9.969	138	231503	29.087	ng	92
54) 2,4-Dinitrophenol	10.080	184	263200	59.194	ng	# 88
55) Dibenzofuran	10.216	168	1519924	40.067	ng	98
56) 4-Nitrophenol	10.139	139	401805	67.695	ng	87
57) 2,4-Dinitrotoluene	10.204	165	392644	41.481	ng	95
58) Fluorene	10.563	166	1185703	40.863	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.339	232	349600	42.385	ng	97
60) Diethylphthalate	10.427	149	1264050	41.428	ng	100
61) 4-Chlorophenyl-phenyle...	10.551	204	625646	41.564	ng	93
62) 4-Nitroaniline	10.586	138	300748	38.495	ng	94
63) Azobenzene	10.710	77	1330993	41.189	ng	98
65) 4,6-Dinitro-2-methylph...	10.616	198	200209	39.156	ng	94
66) n-Nitrosodiphenylamine	10.669	169	1054413	44.778	ng	99
67) 4-Bromophenyl-phenylether	11.039	248	391198	45.787	ng	99
68) Hexachlorobenzene	11.110	284	428691	47.685	ng	95
69) Atrazine	11.198	200	352569	47.960	ng	98
70) Pentachlorophenol	11.310	266	359827	67.273	ng	98
71) Phenanthrene	11.533	178	1718116	43.909	ng	99
72) Anthracene	11.580	178	1670688	41.462	ng	99
73) Carbazole	11.739	167	1457556	40.121	ng	99
74) Di-n-butylphthalate	12.051	149	1831662	42.982	ng	99
75) Fluoranthene	12.727	202	1796908	42.007	ng	98
77) Benzidine	12.845	184	471026	46.431	ng	99
78) Pyrene	12.957	202	1764456	46.569	ng	99
80) Butylbenzylphthalate	13.563	149	645756	43.189	ng	95
81) Benzo(a)anthracene	14.151	228	1454764	46.655	ng	98
82) 3,3'-Dichlorobenzidine	14.104	252	304360	33.108	ng	99
83) Chrysene	14.186	228	1330931	45.645	ng	100
84) Bis(2-ethylhexyl)phtha...	14.115	149	835795	45.504	ng	99
85) Di-n-octyl phthalate	14.733	149	1366925	50.928	ng	97
87) Indeno(1,2,3-cd)pyrene	17.268	276	1206222	41.900	ng	100
88) Benzo(b)fluoranthene	15.239	252	1504510	51.099	ng	99
89) Benzo(k)fluoranthene	15.268	252	1292959	44.870	ng	99
90) Benzo(a)pyrene	15.627	252	1251384	45.412	ng	99
91) Dibenzo(a,h)anthracene	17.280	278	978488	41.717	ng	99
92) Benzo(g,h,i)perylene	17.751	276	960287	36.623	ng	99

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

