

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135059.D
 Acq On : 01 Sep 2023 00:40
 Operator : CG\JU
 Sample : 04070-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

Quant Time: Sep 01 01:54:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	269203	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	1106449	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	550484	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	942029	20.000	ng	0.00
76) Chrysene-d12	13.963	240	450333	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	576549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	960771	55.127	ng	0.01
7) Phenol-d6	6.422	99	1243390	57.237	ng	0.00
23) Nitrobenzene-d5	7.339	82	783317	39.773	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	303112	51.907	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1258648	37.226	ng	0.00
79) Terphenyl-d14	12.898	244	953964	34.569	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	147908	20.035	ng	99
3) Pyridine	3.293	79	382004	19.194	ng	99
4) n-Nitrosodimethylamine	3.257	42	238417	24.495	ng	96
6) Aniline	6.439	93	501144	18.609	ng	# 75
8) 2-Chlorophenol	6.563	128	473793	26.759	ng	98
9) Benzaldehyde	6.328	77	205978	18.609	ng	96
10) Phenol	6.434	94	554659	24.321	ng	88
11) bis(2-Chloroethyl)ether	6.516	93	436021	25.389	ng	100
12) 1,3-Dichlorobenzene	6.716	146	469322	25.727	ng	99
13) 1,4-Dichlorobenzene	6.792	146	471277	25.812	ng	98
14) 1,2-Dichlorobenzene	6.939	146	454844	26.696	ng	98
15) Benzyl Alcohol	6.922	79	407150	27.357	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	724455	25.191	ng	99
17) 2-Methylphenol	7.034	107	371318	24.066	ng	97
18) Hexachloroethane	7.281	117	180777	26.729	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	314658	24.385	ng	97
20) 3+4-Methylphenols	7.186	107	425037	23.350	ng	98
22) Acetophenone	7.186	105	605202	24.591	ng	98
24) Nitrobenzene	7.363	77	485832	24.048	ng	100
25) Isophorone	7.598	82	913193	24.456	ng	99
26) 2-Nitrophenol	7.675	139	253538	25.401	ng	98
27) 2,4-Dimethylphenol	7.716	122	379919	23.642	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	551059	24.464	ng	99
29) 2,4-Dichlorophenol	7.916	162	388359	25.428	ng	99
30) 1,2,4-Trichlorobenzene	7.998	180	417784	25.313	ng	98
31) Naphthalene	8.081	128	1288887	23.846	ng	100
32) Benzoic acid	7.857	122	284790	22.155	ng	93
33) 4-Chloroaniline	8.128	127	387611	16.396	ng	97
34) Hexachlorobutadiene	8.192	225	233126	24.889	ng	98
35) Caprolactam	8.516	113	123499m	24.696	ng	
36) 4-Chloro-3-methylphenol	8.622	107	403618	24.331	ng	100
37) 2-Methylnaphthalene	8.769	142	837125	23.213	ng	100
38) 1-Methylnaphthalene	8.869	142	795602	23.578	ng	99
40) 1,2,4,5-Tetrachloroben...	8.933	216	385970	25.047	ng	99
41) Hexachlorocyclopentadiene	8.922	237	300566	45.826	ng	98
43) 2,4,6-Trichlorophenol	9.051	196	262058	25.322	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	273951	22.864	ng	# 93
46) 1,1'-Biphenyl	9.239	154	1033639	24.576	ng	99
47) 2-Chloronaphthalene	9.263	162	788727	24.938	ng	99
48) 2-Nitroaniline	9.363	65	266784	24.641	ng	95
49) Acenaphthylene	9.675	152	1177822	24.635	ng	100
50) Dimethylphthalate	9.545	163	942851	24.461	ng	99
51) 2,6-Dinitrotoluene	9.610	165	206895	24.462	ng	93
52) Acenaphthene	9.851	154	729227	23.934	ng	98
53) 3-Nitroaniline	9.775	138	200784	20.379	ng	97
54) 2,4-Dinitrophenol	9.886	184	146839	36.326	ng	95
55) Dibenzofuran	10.022	168	1022716	23.269	ng	99
56) 4-Nitrophenol	9.951	139	284559	41.088	ng	97
57) 2,4-Dinitrotoluene	10.016	165	250182	23.736	ng	97
58) Fluorene	10.369	166	796028	23.757	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.139	232	223793	24.256	ng	98
60) Diethylphthalate	10.245	149	874050	24.089	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	384373	23.192	ng	99
62) 4-Nitroaniline	10.398	138	204015	21.163	ng	98
63) Azobenzene	10.522	77	845871	23.152	ng	99
65) 4,6-Dinitro-2-methylph...	10.427	198	125771	22.060	ng	81
66) n-Nitrosodiphenylamine	10.480	169	722320	24.660	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	246730	24.694	ng	97
68) Hexachlorobenzene	10.916	284	272219	26.348	ng	96
69) Atrazine	11.016	200	236506	32.191	ng	98
70) Pentachlorophenol	11.110	266	216756	34.678	ng	99
71) Phenanthrene	11.333	178	1164166	23.954	ng	99
72) Anthracene	11.386	178	1166436	23.491	ng	99
73) Carbazole	11.539	167	940054	21.950	ng	99
74) Di-n-butylphthalate	11.874	149	1253953	24.289	ng	99
75) Fluoranthene	12.521	202	961334	19.564	ng	100
77) Benzidine	12.645	184	242531	29.876	ng	99
78) Pyrene	12.751	202	920300	21.524	ng	99
80) Butylbenzylphthalate	13.380	149	349410	22.621	ng	98
81) Benzo(a)anthracene	13.951	228	703599	22.904	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	246603	26.604	ng	99
83) Chrysene	13.986	228	697625	23.108	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	422259	26.415	ng	98
85) Di-n-octyl phthalate	14.562	149	853559	34.983	ng	99
87) Indeno(1,2,3-cd)pyrene	16.909	276	879720	22.653	ng	99
88) Benzo(b)fluoranthene	15.004	252	853397	23.789	ng	98
89) Benzo(k)fluoranthene	15.033	252	742602	21.427	ng	98
90) Benzo(a)pyrene	15.368	252	737329	22.125	ng	98
91) Dibenzo(a,h)anthracene	16.933	278	717034	22.797	ng	97
92) Benzo(g,h,i)perylene	17.362	276	659700	20.166	ng	98

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

