

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135048.D
 Acq On : 31 Aug 2023 18:49
 Operator : CG\JU
 Sample : 04189-04MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(48-50)MS

Manual Integrations
 APPROVED

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

Quant Time: Sep 01 01:49:58 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	115516	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	473104	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	251985	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	457912	20.000	ng	0.00
76) Chrysene-d12	13.957	240	189704	20.000	ng	0.00
86) Perylene-d12	15.427	264	245695	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	856407	114.514	ng	0.01
7) Phenol-d6	6.416	99	1077494	115.591	ng	0.00
23) Nitrobenzene-d5	7.339	82	677471	80.449	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	293114	109.656	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1180295	76.260	ng	0.00
79) Terphenyl-d14	12.898	244	1065582	91.665	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.551	88	130538	41.207	ng	98
3) Pyridine	3.298	79	328767	38.496	ng	99
4) n-Nitrosodimethylamine	3.263	42	195156	46.727	ng	99
6) Aniline	6.439	93	454445	39.326	ng	95
8) 2-Chlorophenol	6.557	128	404695	53.265	ng	98
9) Benzaldehyde	6.328	77	148281	31.219	ng	93
10) Phenol	6.428	94	490908	50.164	ng	96
11) bis(2-Chloroethyl)ether	6.516	93	369942	50.201	ng	98
12) 1,3-Dichlorobenzene	6.716	146	399244	51.003	ng	98
13) 1,4-Dichlorobenzene	6.792	146	408236	52.107	ng	97
14) 1,2-Dichlorobenzene	6.939	146	384407	52.580	ng	98
15) Benzyl Alcohol	6.922	79	342927	53.696	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	622698	50.460	ng	99
17) 2-Methylphenol	7.034	107	316697	47.834	ng	98
18) Hexachloroethane	7.281	117	149561	51.535	ng	95
19) n-Nitroso-di-n-propyla...	7.192	70	263627	47.612	ng	95
20) 3+4-Methylphenols	7.186	107	372193	47.651	ng	96
22) Acetophenone	7.186	105	518250	49.248	ng	# 99
24) Nitrobenzene	7.357	77	420909	48.726	ng	95
25) Isophorone	7.598	82	767761	48.086	ng	100
26) 2-Nitrophenol	7.675	139	217318	50.919	ng	97
27) 2,4-Dimethylphenol	7.710	122	329051	47.889	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	458852	47.641	ng	98
29) 2,4-Dichlorophenol	7.916	162	328766	50.343	ng	99
30) 1,2,4-Trichlorobenzene	7.992	180	342863	48.584	ng	98
31) Naphthalene	8.075	128	1089686	47.150	ng	100
32) Benzoic acid	7.845	122	246633	44.871	ng	99
33) 4-Chloroaniline	8.128	127	325796	32.230	ng	98
34) Hexachlorobutadiene	8.192	225	193365	48.281	ng	97
35) Caprolactam	8.504	113	106737m	49.918	ng	
36) 4-Chloro-3-methylphenol	8.616	107	345960	48.775	ng	97
37) 2-Methylnaphthalene	8.769	142	704516	45.688	ng	99
38) 1-Methylnaphthalene	8.869	142	672238	46.591	ng	99
40) 1,2,4,5-Tetrachloroben...	8.933	216	331968	47.061	ng	98
41) Hexachlorocyclopentadiene	8.922	237	300431	100.065	ng	97
43) 2,4,6-Trichlorophenol	9.051	196	228245	48.180	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	246194	44.888	ng	96
46) 1,1'-Biphenyl	9.233	154	903167	46.912	ng	98
47) 2-Chloronaphthalene	9.257	162	701471	48.453	ng	98
48) 2-Nitroaniline	9.357	65	234495	47.316	ng	89
49) Acenaphthylene	9.675	152	1061824	48.518	ng	99
50) Dimethylphthalate	9.545	163	825691	46.797	ng	100
51) 2,6-Dinitrotoluene	9.604	165	188242	48.621	ng	100
52) Acenaphthene	9.851	154	657618	47.152	ng	99
53) 3-Nitroaniline	9.775	138	166822	36.990	ng	96
54) 2,4-Dinitrophenol	9.886	184	135439	73.196	ng	90
55) Dibenzofuran	10.022	168	929270	46.189	ng	100
56) 4-Nitrophenol	9.945	139	279265	88.091	ng	94
57) 2,4-Dinitrotoluene	10.016	165	235496	48.809	ng	# 98
58) Fluorene	10.369	166	727888	47.457	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.139	232	204425	48.404	ng	98
60) Diethylphthalate	10.245	149	781210	47.035	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	348682	45.960	ng	99
62) 4-Nitroaniline	10.392	138	195203	44.235	ng	97
63) Azobenzene	10.522	77	774440	46.307	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	113398	40.918	ng	98
66) n-Nitrosodiphenylamine	10.480	169	663927	46.631	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	224902	46.306	ng	100
68) Hexachlorobenzene	10.916	284	249532	49.687	ng	96
70) Pentachlorophenol	11.110	266	208879	68.748	ng	98
71) Phenanthrene	11.333	178	1106149	46.823	ng	100
72) Anthracene	11.386	178	1121468	46.463	ng	99
73) Carbazole	11.539	167	944041	45.347	ng	99
74) Di-n-butylphthalate	11.874	149	1190695	47.446	ng	100
75) Fluoranthene	12.527	202	1011466	42.347	ng	98
77) Benzidine	12.651	184	341754	99.937	ng	99
78) Pyrene	12.757	202	980152	54.418	ng	100
80) Butylbenzylphthalate	13.380	149	337948	51.937	ng	99
81) Benzo(a)anthracene	13.951	228	607898	46.977	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	185857	47.597	ng	100
83) Chrysene	13.986	228	598063	47.027	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	370309	54.992	ng	99
85) Di-n-octyl phthalate	14.562	149	686466	66.788	ng	99
87) Indeno(1,2,3-cd)pyrene	16.909	276	801927	48.457	ng	99
88) Benzo(b)fluoranthene	15.004	252	720573	47.135	ng	97
89) Benzo(k)fluoranthene	15.033	252	644274	43.623	ng	98
90) Benzo(a)pyrene	15.368	252	634245	44.660	ng	98
91) Dibenzo(a,h)anthracene	16.933	278	645338	48.147	ng	97
92) Benzo(g,h,i)perylene	17.362	276	623578	44.731	ng	99

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

