

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
 Data File : BF132748.D
 Acq On : 10 Mar 2023 18:43
 Operator : CG\JU
 Sample : 01846-04MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS

Quant Time: Mar 11 03:05:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 16:26:19 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian
 Giraldo

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	221586	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	774449	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	405578	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	686697	20.000	ng	0.00
76) Chrysene-d12	14.186	240	361410	20.000	ng	# 0.00
86) Perylene-d12	15.727	264	476900	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1314574	96.284	ng	0.00
7) Phenol-d6	6.616	99	1666549	93.529	ng	0.00
23) Nitrobenzene-d5	7.545	82	1053977	64.569	ng	-0.01
42) 2,4,6-Tribromophenol	10.827	330	413589	94.425	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	1679178	63.041	ng	0.00
79) Terphenyl-d14	13.110	244	1393462	65.189	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.904	88	287145	38.021	ng	95
3) Pyridine	3.663	79	737232	36.775	ng	95
4) n-Nitrosodimethylamine	3.634	42	291901	38.549	ng	85
6) Aniline	6.645	93	722377	30.125	ng	96
8) 2-Chlorophenol	6.769	128	654721	46.204	ng	96
9) Benzaldehyde	6.534	77	308457	32.081	ng	95
10) Phenol	6.628	94	840442	41.141	ng	99
11) bis(2-Chloroethyl)ether	6.710	93	678852	43.046	ng	97
12) 1,3-Dichlorobenzene	6.922	146	677558	44.557	ng	97
13) 1,4-Dichlorobenzene	6.998	146	669539	44.095	ng	99
14) 1,2-Dichlorobenzene	7.151	146	646314	44.353	ng	98
15) Benzyl Alcohol	7.122	79	593139	43.223	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.251	45	817212	40.636	ng	95
17) 2-Methylphenol	7.234	107	528917	39.994	ng	97
18) Hexachloroethane	7.492	117	260982	43.995	ng	97
19) n-Nitroso-di-n-propyla...	7.392	70	414994	37.843	ng	96
20) 3+4-Methylphenols	7.387	107	595482	34.853	ng	95
22) Acetophenone	7.392	105	801905	41.064	ng	# 90
24) Nitrobenzene	7.569	77	704624	40.362	ng	100
25) Isophorone	7.804	82	1307471	41.778	ng	100
26) 2-Nitrophenol	7.881	139	339665	44.098	ng	97
27) 2,4-Dimethylphenol	7.916	122	524804	43.169	ng	98
28) bis(2-Chloroethoxy)met...	8.010	93	788454	43.067	ng	99
29) 2,4-Dichlorophenol	8.128	162	522817	43.233	ng	100
30) 1,2,4-Trichlorobenzene	8.204	180	584814	44.536	ng	100
31) Naphthalene	8.292	128	1877915	47.366	ng	99
32) Benzoic acid	8.045	122	333051m	35.823	ng	
33) 4-Chloroaniline	8.334	127	212622	12.515	ng	96
34) Hexachlorobutadiene	8.398	225	378646	45.378	ng	100
35) Caprolactam	8.722	113	171692m	43.065	ng	
36) 4-Chloro-3-methylphenol	8.828	107	563738	42.448	ng	94
37) 2-Methylnaphthalene	8.981	142	1216404	45.020	ng	98
38) 1-Methylnaphthalene	9.081	142	1099800	43.556	ng	99
40) 1,2,4,5-Tetrachloroben...	9.151	216	599589	45.185	ng	99
41) Hexachlorocyclopentadiene	9.133	237	487645	67.754	ng	100
43) 2,4,6-Trichlorophenol	9.263	196	386283	42.955	ng	99

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44) 2,4,5-Trichlorophenol	9.310	196	406901	38.768	ng	99
46) 1,1'-Biphenyl	9.445	154	1358585	44.257	ng	98
47) 2-Chloronaphthalene	9.475	162	1070748	43.994	ng	100
48) 2-Nitroaniline	9.575	65	338882	37.805	ng	87
49) Acenaphthylene	9.892	152	1621772	41.868	ng	100
50) Dimethylphthalate	9.745	163	1282828	43.440	ng	100
51) 2,6-Dinitrotoluene	9.810	165	284701	42.332	ng	99
52) Acenaphthene	10.063	154	1291649m	52.514	ng	03/13/2023
53) 3-Nitroaniline	9.986	138	193667	25.743	ng	91
54) 2,4-Dinitrophenol	10.098	184	249909	59.452	ng	94
55) Dibenzofuran	10.239	168	1768891	49.331	ng	99
56) 4-Nitrophenol	10.151	139	359282	64.037	ng	99
57) 2,4-Dinitrotoluene	10.222	165	348588	38.960	ng	97
58) Fluorene	10.586	166	1385934	50.531	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.357	232	319429	40.970	ng	98
60) Diethylphthalate	10.445	149	1212449	42.038	ng	100
61) 4-Chlorophenyl-phenyle...	10.569	204	598718	42.079	ng	97
62) 4-Nitroaniline	10.604	138	249357	33.766	ng	99
63) Azobenzene	10.727	77	1239593	40.582	ng	98
65) 4,6-Dinitro-2-methylph...	10.633	198	181395	39.021	ng	98
66) n-Nitrosodiphenylamine	10.692	169	994540	46.456	ng	99
67) 4-Bromophenyl-phenylether	11.063	248	372719	47.984	ng	98
68) Hexachlorobenzene	11.133	284	397984	48.693	ng	99
69) Atrazine	11.216	200	328091	49.090	ng	98
70) Pentachlorophenol	11.333	266	324177	66.664	ng	99
71) Phenanthrene	11.563	178	4116944	115.728	ng	99
72) Anthracene	11.610	178	2298386	62.740	ng	99
73) Carbazole	11.763	167	1583203	47.934	ng	100
74) Di-n-butylphthalate	12.074	149	1713419	44.225	ng	99
75) Fluoranthene	12.757	202	3591225	92.343	ng	97
77) Benzidine	12.869	184	528617	60.085	ng	99
78) Pyrene	12.986	202	3178205	96.724	ng	98
80) Butylbenzylphthalate	13.586	149	602488	46.464	ng	97
81) Benzo(a)anthracene	14.180	228	2174312	80.406	ng	97
82) 3,3'-Dichlorobenzidine	14.133	252	263296	33.026	ng	98
83) Chrysene	14.216	228	1932642	76.428	ng	99
84) Bis(2-ethylhexyl)phtha...	14.139	149	784646	49.259	ng	100
85) Di-n-octyl phthalate	14.768	149	1335142	57.359	ng	98
87) Indeno(1,2,3-cd)pyrene	17.327	276	1508742	48.282	ng	98
88) Benzo(b)fluoranthene	15.274	252	2355094	73.690	ng	98
89) Benzo(k)fluoranthene	15.304	252	1430141	45.723	ng	98
90) Benzo(a)pyrene	15.668	252	1846539	61.734	ng	98
91) Dibenzo(a,h)anthracene	17.345	278	1091195	42.859	ng	97
92) Benzo(g,h,i)perylene	17.815	276	1224017	42.724	ng	98

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

