

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
 Data File : BF131840.D
 Acq On : 27 Dec 2022 16:55
 Operator : CG\JU
 Sample : N6180-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3050MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/28/2022
 Supervised By : Jagrut Upadhyay 12/28/2022

Quant Time: Dec 28 00:35:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 05:13:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	78554	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	280927	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	159999	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	297953	20.000	ng	0.00
76) Chrysene-d12	14.033	240	152277	20.000	ng	0.00
86) Perylene-d12	15.515	264	155942	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	574373	121.173	ng	0.03
7) Phenol-d6	6.481	99	677067	108.720	ng	0.01
23) Nitrobenzene-d5	7.410	82	583303	82.900	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	239466	137.751	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1015633	86.947	ng	0.00
79) Terphenyl-d14	12.974	244	974964	108.301	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.746	88	81716	37.176	ng	Qvalue
3) Pyridine	3.469	79	202045	32.696	ng	# 82
4) n-Nitrosodimethylamine	3.393	42	118301	40.715	ng	99
6) Aniline	6.498	93	130732	17.309	ng	98
8) 2-Chlorophenol	6.628	128	217238	43.500	ng	# 58
9) Benzaldehyde	6.387	77	125343	31.368	ng	98
10) Phenol	6.493	94	255953	34.513	ng	97
11) bis(2-Chloroethyl)ether	6.575	93	242670	45.758	ng	97
12) 1,3-Dichlorobenzene	6.775	146	234774	41.138	ng	98
13) 1,4-Dichlorobenzene	6.851	146	236375	41.098	ng	99
14) 1,2-Dichlorobenzene	7.004	146	226496	41.910	ng	97
15) Benzyl Alcohol	6.987	79	240152	43.974	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	301560	44.558	ng	97
17) 2-Methylphenol	7.098	107	190988	41.833	ng	88
18) Hexachloroethane	7.345	117	94957	40.887	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	196838	44.754	ng	95
20) 3+4-Methylphenols	7.251	107	239550	40.213	ng	98
22) Acetophenone	7.251	105	364231	44.224	ng	93
24) Nitrobenzene	7.428	77	298038	42.265	ng	97
25) Isophorone	7.669	82	537889	46.811	ng	98
26) 2-Nitrophenol	7.740	139	119173	43.467	ng	99
27) 2,4-Dimethylphenol	7.781	122	192314	49.175	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	301875	48.969	ng	93
29) 2,4-Dichlorophenol	7.987	162	200828	42.623	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	236899	42.407	ng	99
31) Naphthalene	8.145	128	635839	41.328	ng	99
32) Benzoic acid	7.904	122	86353	30.210	ng	100
33) 4-Chloroaniline	8.198	127	49659	8.412	ng	87
34) Hexachlorobutadiene	8.257	225	153820	40.246	ng	97
35) Caprolactam	8.581	113	43901m	31.470	ng	100
36) 4-Chloro-3-methylphenol	8.692	107	229988	43.189	ng	98
37) 2-Methylnaphthalene	8.839	142	438288	42.447	ng	99
38) 1-Methylnaphthalene	8.939	142	408662	40.745	ng	97
40) 1,2,4,5-Tetrachloroben...	9.004	216	256186	45.601	ng	100
41) Hexachlorocyclopentadiene	8.987	237	130154	53.858	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	159476	44.322	ng	97

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44) 2,4,5-Trichlorophenol	9.169	196	169247	43.514	ng	94
46) 1,1'-Biphenyl	9.310	154	558942	45.630	ng	99
47) 2-Chloronaphthalene	9.334	162	447824	44.189	ng	98
48) 2-Nitroaniline	9.439	65	156772	42.204	ng	96
49) Acenaphthylene	9.751	152	655281	43.424	ng	98
50) Dimethylphthalate	9.616	163	531335	43.896	ng	100
51) 2,6-Dinitrotoluene	9.681	165	117078	44.681	ng	96
52) Acenaphthene	9.922	154	391225	42.957	ng	98
53) 3-Nitroaniline	9.851	138	59702	22.361	ng	90
54) 2,4-Dinitrophenol	9.957	184	81369	53.961	ng	95
55) Dibenzofuran	10.098	168	608820	43.389	ng	99
56) 4-Nitrophenol	10.022	139	135968	72.697	ng	95
57) 2,4-Dinitrotoluene	10.086	165	153029	42.704	ng	95
58) Fluorene	10.439	166	492000	42.951	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	137568m	43.100	ng	
60) Diethylphthalate	10.316	149	508234	43.625	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	271841	45.650	ng	96
62) 4-Nitroaniline	10.469	138	99264	35.674	ng	97
63) Azobenzene	10.592	77	559068	43.240	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	68551	33.792	ng	80
66) n-Nitrosodiphenylamine	10.557	169	416841	45.863	ng	98
67) 4-Bromophenyl-phenylether	10.928	248	159103	46.073	ng	97
68) Hexachlorobenzene	10.986	284	174143	45.906	ng	98
69) Atrazine	11.086	200	153991	51.464	ng	96
70) Pentachlorophenol	11.186	266	171214	91.211	ng	97
71) Phenanthrene	11.410	178	701681	42.825	ng	99
72) Anthracene	11.463	178	713832	44.536	ng	100
73) Carbazole	11.616	167	597139	42.200	ng	99
74) Di-n-butylphthalate	11.945	149	758291	44.336	ng	100
75) Fluoranthene	12.604	202	726228	38.052	ng	98
77) Benzidine	12.727	184	22448	8.970	ng	96
78) Pyrene	12.833	202	708962	55.547	ng	99
80) Butylbenzylphthalate	13.451	149	253184	53.482	ng	98
81) Benzo(a)anthracene	14.021	228	493241	44.738	ng	98
82) 3,3'-Dichlorobenzidine	13.986	252	91281	28.645	ng	98
83) Chrysene	14.063	228	459461	44.348	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	310195	53.815	ng	99
85) Di-n-octyl phthalate	14.627	149	447186	57.631	ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	555985	56.120	ng	99
88) Benzo(b)fluoranthene	15.080	252	455136	39.804	ng	98
89) Benzo(k)fluoranthene	15.116	252	426369	38.593	ng	100
90) Benzo(a)pyrene	15.457	252	397876	44.945	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	459451	56.617	ng	99
92) Benzo(g,h,i)perylene	17.474	276	457327	47.685	ng	98

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

