

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
 Data File : BF138366.D
 Acq On : 27 Jun 2024 15:06
 Operator : CG\JU
 Sample : P3076-10MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7-S-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :Jagrut Upadhyay 06/28/2024

Quant Time: Jun 28 03:08:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	274627	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1083119	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	580490	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	857185	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	483342	20.000	ng	-0.01
86) Perylene-d12	15.509	264	532166	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1263769	76.980	ng	0.00
7) Phenol-d6	6.522	99	1587396	76.254	ng	0.00
23) Nitrobenzene-d5	7.445	82	993995	53.426	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	460333	79.657	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1794122	49.147	ng	-0.01
79) Terphenyl-d14	12.980	244	1293216	42.377	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	263897	35.126	ng	95
3) Pyridine	3.498	79	670630	37.558	ng	96
4) n-Nitrosodimethylamine	3.457	42	342843	41.487	ng	91
6) Aniline	6.545	93	495277	24.315	ng	99
8) 2-Chlorophenol	6.669	128	830414	46.787	ng	99
9) Benzaldehyde	6.428	77	152112	13.758	ng	99
10) Phenol	6.534	94	938379	44.418	ng	91
11) bis(2-Chloroethyl)ether	6.616	93	750824	44.406	ng	100
12) 1,3-Dichlorobenzene	6.822	146	846492	41.966	ng	100
13) 1,4-Dichlorobenzene	6.898	146	853875	42.065	ng	100
14) 1,2-Dichlorobenzene	7.051	146	818850	42.971	ng	99
15) Benzyl Alcohol	7.028	79	669314	47.684	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	889126	37.260	ng	79
17) 2-Methylphenol	7.139	107	616812	44.047	ng	96
18) Hexachloroethane	7.392	117	309751	45.042	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	511870	41.482	ng	99
20) 3+4-Methylphenols	7.292	107	731130	41.481	ng	# 87
22) Acetophenone	7.292	105	940427	38.008	ng	# 92
24) Nitrobenzene	7.469	77	801999	41.708	ng	91
25) Isophorone	7.704	82	1466893	43.589	ng	99
26) 2-Nitrophenol	7.781	139	458267	59.267	ng	98
27) 2,4-Dimethylphenol	7.822	122	566201	48.131	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	932187	44.251	ng	99
29) 2,4-Dichlorophenol	8.028	162	681425	44.993	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	754479	42.241	ng	98
31) Naphthalene	8.186	128	2235240	41.735	ng	99
32) Benzoic acid	7.957	122	438912m	42.333	ng	
33) 4-Chloroaniline	8.228	127	161658	8.076	ng	98
34) Hexachlorobutadiene	8.298	225	444385	42.541	ng	98
35) Caprolactam	8.616	113	202753m	44.343	ng	
36) 4-Chloro-3-methylphenol	8.728	107	694485	46.055	ng	99
37) 2-Methylnaphthalene	8.875	142	1487913	42.331	ng	98
38) 1-Methylnaphthalene	8.975	142	1382172	40.127	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	695352	40.992	ng	99
41) Hexachlorocyclopentadiene	9.028	237	691406	125.003	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	503034	47.361	ng	100

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44) 2,4,5-Trichlorophenol	9.204	196	516446	44.276	ng	97
46) 1,1'-Biphenyl	9.339	154	1717235	40.315	ng	98
47) 2-Chloronaphthalene	9.363	162	1433261	42.576	ng	99
48) 2-Nitroaniline	9.463	65	399937	49.332	ng	94
49) Acenaphthylene	9.780	152	2152308	45.595	ng	100
50) Dimethylphthalate	9.645	163	1708770	48.044	ng	99
51) 2,6-Dinitrotoluene	9.704	165	392412	50.857	ng	93
52) Acenaphthene	9.951	154	1457309m	45.274	ng	
53) 3-Nitroaniline	9.869	138	205039	24.875	ng	96
54) 2,4-Dinitrophenol	9.980	184	336957	84.228	ng	94
55) Dibenzofuran	10.127	168	1916699	42.595	ng	98
56) 4-Nitrophenol	10.045	139	490387	75.283	ng	93
57) 2,4-Dinitrotoluene	10.110	165	489499	51.435	ng	98
58) Fluorene	10.469	166	1425148	40.282	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	403618	44.277	ng	99
60) Diethylphthalate	10.339	149	1574010	46.629	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	742884	42.161	ng	99
62) 4-Nitroaniline	10.492	138	333532	40.498	ng	95
63) Azobenzene	10.616	77	1391389	41.143	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	249925	55.887	ng	80
66) n-Nitrosodiphenylamine	10.580	169	1277220	48.669	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	482345	49.937	ng	# 92
68) Hexachlorobenzene	11.010	284	523114	46.408	ng	99
69) Atrazine	11.104	200	373133	49.919	ng	99
70) Pentachlorophenol	11.210	266	489521	74.464	ng	97
71) Phenanthrene	11.427	178	1903574	44.905	ng	99
72) Anthracene	11.480	178	1870541	44.444	ng	99
73) Carbazole	11.633	167	1488908	38.570	ng	99
74) Di-n-butylphthalate	11.963	149	1925650	48.185	ng	99
75) Fluoranthene	12.616	202	1625680	37.608	ng	97
77) Benzidine	12.733	184	463406	82.889	ng	98
78) Pyrene	12.845	202	1618669	38.825	ng	98
80) Butylbenzylphthalate	13.457	149	618642	54.552	ng	97
81) Benzo(a)anthracene	14.027	228	1458245	47.027	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	271465	31.790	ng	99
83) Chrysene	14.068	228	1382937	46.789	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	808820	61.323	ng	98
85) Di-n-octyl phthalate	14.627	149	1491179	76.102	ng	96
87) Indeno(1,2,3-cd)pyrene	16.986	276	1251116	36.063	ng	99
88) Benzo(b)fluoranthene	15.080	252	1526778	48.651	ng	100
89) Benzo(k)fluoranthene	15.109	252	1470156	47.801	ng	99
90) Benzo(a)pyrene	15.451	252	1353945	50.219	ng	100
91) Dibenzo(a,h)anthracene	17.003	278	1001882	35.184	ng	97
92) Benzo(g,h,i)perylene	17.433	276	907856	30.818	ng	98

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

