

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
 Data File : BF140753.D
 Acq On : 05 Dec 2024 17:19
 Operator : RC/JU
 Sample : P5096-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-AMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/07/2024
 Supervised By :mohammad ahmed 12/07/2024

Quant Time: Dec 05 17:39:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	67405	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	250139	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	136184	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	233226	20.000	ng	0.00
76) Chrysene-d12	14.057	240	135190	20.000	ng	0.00
86) Perylene-d12	15.568	264	148168	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	471956	119.465	ng	0.01
7) Phenol-d6	6.516	99	624013	119.480	ng	0.00
23) Nitrobenzene-d5	7.434	82	402880	82.384	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	177893	122.138	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	757616	82.888	ng	-0.01
79) Terphenyl-d14	12.980	244	636920	73.361	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	72869	43.870	ng	98
3) Pyridine	3.463	79	158060	43.250	ng	98
4) n-Nitrosodimethylamine	3.416	42	97446	45.367	ng	95
6) Aniline	6.540	93	145030	39.453	ng	# 80
8) 2-Chlorophenol	6.663	128	221030	52.004	ng	95
9) Benzaldehyde	6.422	77	65735	23.775	ng	99
10) Phenol	6.528	94	279089	52.325	ng	93
11) bis(2-Chloroethyl)ether	6.604	93	214122	52.461	ng	99
12) 1,3-Dichlorobenzene	6.810	146	229888	48.137	ng	99
13) 1,4-Dichlorobenzene	6.887	146	235804	48.764	ng	99
14) 1,2-Dichlorobenzene	7.040	146	222915	49.196	ng	99
15) Benzyl Alcohol	7.016	79	173205	44.719	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	247146	51.255	ng	65
17) 2-Methylphenol	7.134	107	167077	49.108	ng	94
18) Hexachloroethane	7.375	117	87377	48.380	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	157868	51.146	ng	97
20) 3+4-Methylphenols	7.293	107	224425	51.320	ng	# 69
22) Acetophenone	7.281	105	303315	49.738	ng	94
24) Nitrobenzene	7.451	77	234895	46.475	ng	98
25) Isophorone	7.693	82	422240	51.767	ng	99
26) 2-Nitrophenol	7.769	139	116462	51.996	ng	97
27) 2,4-Dimethylphenol	7.810	122	171652m	64.052	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	252847	50.885	ng	99
29) 2,4-Dichlorophenol	8.028	162	185720	52.300	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	195127	48.126	ng	99
31) Naphthalene	8.175	128	636725	49.418	ng	99
32) Benzoic acid	7.951	122	82136	37.135	ng	98
33) 4-Chloroaniline	8.245	127	54595	14.152	ng	98
34) Hexachlorobutadiene	8.281	225	133989	49.893	ng	98
35) Caprolactam	8.598	113	55331m	50.349	ng	
36) 4-Chloro-3-methylphenol	8.722	107	197193	49.597	ng	99
37) 2-Methylnaphthalene	8.863	142	421384	51.491	ng	99
38) 1-Methylnaphthalene	8.963	142	387025	48.248	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	208624	52.329	ng	99
41) Hexachlorocyclopentadiene	9.010	237	135429	144.642	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	128518	51.373	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	130709	48.143	ng	98
46) 1,1'-Biphenyl	9.328	154	525902	51.723	ng	100
47) 2-Chloronaphthalene	9.351	162	384381	49.892	ng	100
48) 2-Nitroaniline	9.457	65	120667	48.796	ng	98
49) Acenaphthylene	9.769	152	627189	53.880	ng	100
50) Dimethylphthalate	9.628	163	474200	52.871	ng	100
51) 2,6-Dinitrotoluene	9.698	165	101264	49.783	ng	93
52) Acenaphthene	9.939	154	378799	51.215	ng	99
53) 3-Nitroaniline	9.875	138	64539	32.440	ng	94
54) 2,4-Dinitrophenol	9.986	184	85216	80.803	ng	98
55) Dibenzofuran	10.116	168	572203	50.719	ng	99
56) 4-Nitrophenol	10.057	139	90861	66.967	ng	96
57) 2,4-Dinitrotoluene	10.104	165	133081	49.227	ng	96
58) Fluorene	10.457	166	452412	49.960	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	108191	51.850	ng	94
60) Diethylphthalate	10.328	149	467633	51.317	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	229717	51.691	ng	97
62) 4-Nitroaniline	10.492	138	90613	43.427	ng	95
63) Azobenzene	10.610	77	510575	59.165	ng	94
65) 4,6-Dinitro-2-methylph...	10.522	198	67511	56.646	ng	92
66) n-Nitrosodiphenylamine	10.569	169	383995	55.675	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	132561	55.191	ng	96
68) Hexachlorobenzene	11.010	284	144554	51.977	ng	100
69) Atrazine	11.098	200	116576	60.082	ng	99
70) Pentachlorophenol	11.216	266	91617	74.848	ng	99
71) Phenanthrene	11.422	178	596117	53.173	ng	99
72) Anthracene	11.475	178	600909	54.795	ng	100
73) Carbazole	11.633	167	508011	48.154	ng	100
74) Di-n-butylphthalate	11.951	149	666151	54.694	ng	100
75) Fluoranthene	12.616	202	562021	46.172	ng	100
77) Benzidine	12.751	184	30096	7.657	ng	99
78) Pyrene	12.845	202	561670	44.934	ng	99
80) Butylbenzylphthalate	13.457	149	216707	48.125	ng	99
81) Benzo(a)anthracene	14.045	228	472285	52.775	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	108202	40.271	ng	99
83) Chrysene	14.086	228	438914	53.638	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	290339	51.062	ng	99
85) Di-n-octyl phthalate	14.651	149	485221	62.443	ng	98
87) Indeno(1,2,3-cd)pyrene	17.092	276	441369	45.710	ng	98
88) Benzo(b)fluoranthene	15.127	252	502800	54.026	ng	100
89) Benzo(k)fluoranthene	15.157	252	414643	50.913	ng	100
90) Benzo(a)pyrene	15.504	252	435170	57.509	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	370109	46.803	ng	98
92) Benzo(g,h,i)perylene	17.551	276	309045	38.298	ng	99

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

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