

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135312.D
 Acq On : 18 Sep 2023 18:10
 Operator : CG\JU
 Sample : 04336-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-AMS

Quant Time: Sep 19 00:13:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	116066	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	445290	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	217523	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	378088	20.000	ng	0.00
76) Chrysene-d12	13.945	240	175572	20.000	ng	0.00
86) Perylene-d12	15.410	264	243776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	668078	93.619	ng	0.01
7) Phenol-d6	6.404	99	847951	93.448	ng	0.00
23) Nitrobenzene-d5	7.322	82	533378	65.077	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	188342	87.129	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	923885	64.080	ng	-0.01
79) Terphenyl-d14	12.880	244	644376	56.894	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.540	88	128289	41.009	ng	98
3) Pyridine	3.281	79	330822	39.292	ng	93
4) n-Nitrosodimethylamine	3.252	42	221854	49.655	ng	94
6) Aniline	6.428	93	381004	32.019	ng	93
8) 2-Chlorophenol	6.545	128	366755	48.144	ng	99
9) Benzaldehyde	6.310	77	144432	27.940	ng	97
10) Phenol	6.422	94	435947	43.813	ng	79
11) bis(2-Chloroethyl)ether	6.504	93	345252	46.258	ng	99
12) 1,3-Dichlorobenzene	6.698	146	364712	47.108	ng	99
13) 1,4-Dichlorobenzene	6.775	146	375429	47.663	ng	98
14) 1,2-Dichlorobenzene	6.928	146	344791	47.136	ng	97
15) Benzyl Alcohol	6.910	79	313276	48.112	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.034	45	673464	47.871	ng	95
17) 2-Methylphenol	7.022	107	286900	42.678	ng	97
18) Hexachloroethane	7.263	117	137999	47.416	ng	94
19) n-Nitroso-di-n-propyla...	7.175	70	240271	42.749	ng	94
20) 3+4-Methylphenols	7.175	107	330153	40.843	ng	95
22) Acetophenone	7.169	105	463543	45.533	ng	98
24) Nitrobenzene	7.345	77	381567	47.101	ng	98
25) Isophorone	7.581	82	703822	46.765	ng	98
26) 2-Nitrophenol	7.657	139	193550	49.781	ng	96
27) 2,4-Dimethylphenol	7.698	122	280783	42.964	ng	98
28) bis(2-Chloroethoxy)met...	7.792	93	433094	48.079	ng	99
29) 2,4-Dichlorophenol	7.904	162	292122	48.239	ng	97
30) 1,2,4-Trichlorobenzene	7.981	180	307092	48.516	ng	98
31) Naphthalene	8.057	128	1014585	46.895	ng	99
32) Benzoic acid	7.839	122	226497	46.025	ng	94
33) 4-Chloroaniline	8.116	127	277059	29.188	ng	98
34) Hexachlorobutadiene	8.175	225	183640	48.115	ng	97
35) Caprolactam	8.492	113	100170m	49.286	ng	
36) 4-Chloro-3-methylphenol	8.604	107	317336	47.149	ng	98
37) 2-Methylnaphthalene	8.751	142	636480	43.765	ng	98
38) 1-Methylnaphthalene	8.851	142	610802	44.860	ng	99
40) 1,2,4,5-Tetrachloroben...	8.916	216	305662	48.504	ng	99
41) Hexachlorocyclopentadiene	8.904	237	185844	68.135	ng	98
43) 2,4,6-Trichlorophenol	9.034	196	204289	49.512	ng	98

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44) 2,4,5-Trichlorophenol	9.081	196	218313	45.945	ng	99
46) 1,1'-Biphenyl	9.222	154	809766	48.442	ng	99
47) 2-Chloronaphthalene	9.245	162	600264	49.491	ng	99
48) 2-Nitroaniline	9.345	65	229046	48.610	ng	95
49) Acenaphthylene	9.657	152	986845	48.958	ng	99
50) Dimethylphthalate	9.528	163	711276	48.364	ng	100
51) 2,6-Dinitrotoluene	9.592	165	157165	48.782	ng	91
52) Acenaphthene	9.833	154	563186	47.296	ng	98
53) 3-Nitroaniline	9.757	138	133934	35.415	ng	99
54) 2,4-Dinitrophenol	9.875	184	135351	74.472	ng	94
55) Dibenzofuran	10.004	168	823822	45.338	ng	97
56) 4-Nitrophenol	9.939	139	209319	87.088	ng	95
57) 2,4-Dinitrotoluene	9.998	165	182537	45.257	ng	# 84
58) Fluorene	10.351	166	640644	45.862	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	175732	48.078	ng	98
60) Diethylphthalate	10.228	149	702209	47.577	ng	98
61) 4-Chlorophenyl-phenyle...	10.339	204	303755	45.267	ng	99
62) 4-Nitroaniline	10.380	138	157928	43.444	ng	99
63) Azobenzene	10.504	77	680884	47.136	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	91859	45.743	ng	96
66) n-Nitrosodiphenylamine	10.463	169	595216	52.000	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	189741	50.458	ng	98
68) Hexachlorobenzene	10.898	284	200433	52.319	ng	95
69) Atrazine	10.998	200	175784	57.074	ng	99
70) Pentachlorophenol	11.098	266	182625	79.678	ng	98
71) Phenanthrene	11.316	178	877009	49.044	ng	99
72) Anthracene	11.369	178	877621	47.747	ng	99
73) Carbazole	11.527	167	768151	45.908	ng	99
74) Di-n-butylphthalate	11.857	149	1003807	50.912	ng	98
75) Fluoranthene	12.510	202	770150	41.333	ng	98
77) Benzidine	12.633	184	297716	82.770	ng	97
78) Pyrene	12.739	202	749249	44.823	ng	100
80) Butylbenzylphthalate	13.363	149	288170	48.964	ng	97
81) Benzo(a)anthracene	13.933	228	546728	48.224	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	183239	51.745	ng	# 96
83) Chrysene	13.968	228	543524	48.220	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	341119	56.482	ng	99
85) Di-n-octyl phthalate	14.545	149	619309	64.526	ng	99
87) Indeno(1,2,3-cd)pyrene	16.892	276	639482	40.009	ng	100
88) Benzo(b)fluoranthene	14.986	252	636780	48.254	ng	99
89) Benzo(k)fluoranthene	15.015	252	576352	44.213	ng	99
90) Benzo(a)pyrene	15.351	252	577894	45.921	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	526812	40.282	ng	100
92) Benzo(g,h,i)perylene	17.339	276	481005	35.217	ng	99

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

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