

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
 Data File : BF135378.D
 Acq On : 21 Sep 2023 14:01
 Operator : CG\JU
 Sample : 04501-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Quant Time: Sep 22 05:55:18 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 09/22/2023
 Supervised By :mohammad ahmed 09/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	160563	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	606633	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	276825	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	424230	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	271789	20.000	ng	0.00
86) Perylene-d12	15.410	264	274299	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	731806	74.129	ng	0.01
7) Phenol-d6	6.410	99	938925	74.798	ng	0.00
23) Nitrobenzene-d5	7.328	82	574701	51.470	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	161023	58.533	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	922523	50.278	ng	-0.01
79) Terphenyl-d14	12.880	244	675764	38.543	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	193180	44.638	ng	96
3) Pyridine	3.299	79	482388	41.416	ng	96
4) n-Nitrosodimethylamine	3.269	42	282373	45.685	ng	95
6) Aniline	6.428	93	351945	21.381	ng	# 80
8) 2-Chlorophenol	6.545	128	471672	44.757	ng	99
9) Benzaldehyde	6.310	77	133570	18.678	ng	98
10) Phenol	6.422	94	555724	40.373	ng	95
11) bis(2-Chloroethyl)ether	6.498	93	456670	44.229	ng	98
12) 1,3-Dichlorobenzene	6.698	146	456513	42.625	ng	97
13) 1,4-Dichlorobenzene	6.775	146	456734	41.916	ng	100
14) 1,2-Dichlorobenzene	6.928	146	432555	42.746	ng	97
15) Benzyl Alcohol	6.910	79	377265	41.882	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.040	45	840518	43.188	ng	92
17) 2-Methylphenol	7.022	107	373605	40.174	ng	97
18) Hexachloroethane	7.263	117	172070	42.738	ng	90
19) n-Nitroso-di-n-propyla...	7.181	70	294082	37.823	ng	96
20) 3+4-Methylphenols	7.181	107	424183	37.932	ng	# 75
22) Acetophenone	7.169	105	566606	40.854	ng	# 95
24) Nitrobenzene	7.345	77	482754	43.743	ng	97
25) Isophorone	7.581	82	892006	43.505	ng	97
26) 2-Nitrophenol	7.663	139	244350	46.131	ng	91
27) 2,4-Dimethylphenol	7.704	122	360043	40.439	ng	97
28) bis(2-Chloroethoxy)met...	7.792	93	554163	45.157	ng	99
29) 2,4-Dichlorophenol	7.904	162	357979	43.392	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	369138	42.808	ng	99
31) Naphthalene	8.063	128	1236055	41.936	ng	99
32) Benzoic acid	7.845	122	273374m	40.776	ng	
33) 4-Chloroaniline	8.116	127	150208	11.615	ng	98
34) Hexachlorobutadiene	8.175	225	211500	40.677	ng	99
35) Caprolactam	8.498	113	119629m	43.206	ng	
36) 4-Chloro-3-methylphenol	8.616	107	382555	41.722	ng	93
37) 2-Methylnaphthalene	8.751	142	773897	39.061	ng	99
38) 1-Methylnaphthalene	8.851	142	731506	39.436	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	355998	44.390	ng	99
41) Hexachlorocyclopentadiene	8.898	237	129874	40.744	ng	97
43) 2,4,6-Trichlorophenol	9.039	196	235609	44.870	ng	99

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44) 2,4,5-Trichlorophenol	9.086	196	253596	41.937	ng	97
46) 1,1'-Biphenyl	9.222	154	936220	44.009	ng	99
47) 2-Chloronaphthalene	9.245	162	696196	45.104	ng	99
48) 2-Nitroaniline	9.351	65	270653	45.135	ng	95
49) Acenaphthylene	9.663	152	1130505	44.070	ng	100
50) Dimethylphthalate	9.528	163	830182	44.356	ng	100
51) 2,6-Dinitrotoluene	9.592	165	178608	43.562	ng	95
52) Acenaphthene	9.833	154	651796	43.012	ng	97
53) 3-Nitroaniline	9.763	138	125023	25.977	ng	92
54) 2,4-Dinitrophenol	9.875	184	96144	44.328	ng	92
55) Dibenzofuran	10.004	168	913362	39.497	ng	97
56) 4-Nitrophenol	9.939	139	230193	75.256	ng	96
57) 2,4-Dinitrotoluene	9.998	165	189291	36.878	ng	# 82
58) Fluorene	10.351	166	725278	40.798	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.128	232	188241	40.468	ng	95
60) Diethylphthalate	10.228	149	789686	42.042	ng	100
61) 4-Chlorophenyl-phenyle...	10.339	204	325099	38.069	ng	98
62) 4-Nitroaniline	10.380	138	158356	34.229	ng	91
63) Azobenzene	10.504	77	766152	41.677	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	69758	30.959	ng	97
66) n-Nitrosodiphenylamine	10.463	169	639092	49.760	ng	97
67) 4-Bromophenyl-phenylether	10.833	248	197927	46.910	ng	99
68) Hexachlorobenzene	10.898	284	197293	45.898	ng	# 92
69) Atrazine	10.998	200	183736	53.167	ng	99
70) Pentachlorophenol	11.098	266	191771	74.568	ng	99
71) Phenanthrene	11.316	178	1181852	58.903	ng	98
72) Anthracene	11.369	178	953825	46.249	ng	99
73) Carbazole	11.527	167	839098	44.694	ng	99
74) Di-n-butylphthalate	11.857	149	1041645	47.085	ng	100
75) Fluoranthene	12.510	202	1281151	61.279	ng	98
77) Benzidine	12.639	184	461485	82.880	ng	99
78) Pyrene	12.739	202	1283453	49.599	ng	100
80) Butylbenzylphthalate	13.363	149	394016	43.248	ng	96
81) Benzo(a)anthracene	13.939	228	935791	53.321	ng	98
82) 3,3'-Dichlorobenzidine	13.904	252	255158	46.546	ng	99
83) Chrysene	13.974	228	903898	51.803	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	484507	51.824	ng	98
85) Di-n-octyl phthalate	14.545	149	953293	64.162	ng	98
87) Indeno(1,2,3-cd)pyrene	16.898	276	623805	34.685	ng	97
88) Benzo(b)fluoranthene	14.992	252	897827	60.465	ng	# 96
89) Benzo(k)fluoranthene	15.015	252	695039	47.385	ng	# 97
90) Benzo(a)pyrene	15.357	252	714209	50.437	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	468554	31.841	ng	98
92) Benzo(g,h,i)perylene	17.345	276	512916	33.375	ng	97

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

