

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135321.D
 Acq On : 18 Sep 2023 22:54
 Operator : CG\JU
 Sample : 04441-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11976MSD

Quant Time: Sep 19 00:18:10 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	122778	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	457669	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	213220	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	336956	20.000	ng	0.00
76) Chrysene-d12	13.945	240	194799	20.000	ng	0.00
86) Perylene-d12	15.410	264	257310	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	873584	115.724	ng	0.01
7) Phenol-d6	6.410	99	1091757	113.739	ng	0.00
23) Nitrobenzene-d5	7.328	82	699207	83.002	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	221426	104.501	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1194058	84.490	ng	-0.01
79) Terphenyl-d14	12.880	244	791204	62.963	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.540	88	96157	29.057	ng	97
3) Pyridine	3.293	79	287391	32.268	ng	97
4) n-Nitrosodimethylamine	3.252	42	217993	46.123	ng	93
6) Aniline	6.428	93	403894	32.088	ng	# 88
8) 2-Chlorophenol	6.545	128	384813	47.753	ng	99
9) Benzaldehyde	6.310	77	105166	19.232	ng	99
10) Phenol	6.422	94	442039	41.997	ng	82
11) bis(2-Chloroethyl)ether	6.504	93	360781	45.696	ng	98
12) 1,3-Dichlorobenzene	6.698	146	367157	44.832	ng	99
13) 1,4-Dichlorobenzene	6.775	146	372560	44.713	ng	98
14) 1,2-Dichlorobenzene	6.928	146	357223	46.166	ng	97
15) Benzyl Alcohol	6.904	79	325476	47.253	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.034	45	702833	47.227	ng	95
17) 2-Methylphenol	7.022	107	300623	42.274	ng	96
18) Hexachloroethane	7.263	117	142206	46.191	ng	92
19) n-Nitroso-di-n-propyla...	7.175	70	250864	42.194	ng	92
20) 3+4-Methylphenols	7.175	107	344587	40.298	ng	94
22) Acetophenone	7.169	105	480310	45.903	ng	# 99
24) Nitrobenzene	7.345	77	396219	47.587	ng	97
25) Isophorone	7.581	82	729498	47.160	ng	99
26) 2-Nitrophenol	7.657	139	204012	51.052	ng	100
27) 2,4-Dimethylphenol	7.698	122	295023	43.922	ng	98
28) bis(2-Chloroethoxy)met...	7.792	93	457012	49.362	ng	99
29) 2,4-Dichlorophenol	7.898	162	300725	48.316	ng	99
30) 1,2,4-Trichlorobenzene	7.981	180	318385	48.940	ng	98
31) Naphthalene	8.057	128	1042103	46.864	ng	99
32) Benzoic acid	7.840	122	238233	47.100	ng	92
33) 4-Chloroaniline	8.110	127	333291	34.162	ng	97
34) Hexachlorobutadiene	8.175	225	185111	47.189	ng	99
35) Caprolactam	8.492	113	102640m	49.136	ng	
36) 4-Chloro-3-methylphenol	8.604	107	324534	46.914	ng	99
37) 2-Methylnaphthalene	8.751	142	659552	44.125	ng	99
38) 1-Methylnaphthalene	8.851	142	633627	45.277	ng	98
40) 1,2,4,5-Tetrachloroben...	8.916	216	311872	50.488	ng	99
41) Hexachlorocyclopentadiene	8.898	237	159277	60.501	ng	99
43) 2,4,6-Trichlorophenol	9.034	196	203048	50.204	ng	99

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44) 2,4,5-Trichlorophenol	9.081	196	215878	46.349	ng	99
46) 1,1'-Biphenyl	9.216	154	816230	49.814	ng	98
47) 2-Chloronaphthalene	9.245	162	612823	51.547	ng	99
48) 2-Nitroaniline	9.345	65	230863	49.984	ng	97
49) Acenaphthylene	9.657	152	991172	50.165	ng	98
50) Dimethylphthalate	9.528	163	725352	50.316	ng	100
51) 2,6-Dinitrotoluene	9.592	165	157896	49.998	ng	# 83
52) Acenaphthene	9.828	154	571272	48.944	ng	97
53) 3-Nitroaniline	9.757	138	139831	37.721	ng	96
54) 2,4-Dinitrophenol	9.875	184	116367	66.087	ng	97
55) Dibenzofuran	10.004	168	826058	46.378	ng	98
56) 4-Nitrophenol	9.934	139	197990	84.037	ng	98
57) 2,4-Dinitrotoluene	9.998	165	177564	44.912	ng	87
58) Fluorene	10.345	166	632267	46.175	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.122	232	164929	46.033	ng	99
60) Diethylphthalate	10.228	149	706928	48.863	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	298502	45.382	ng	97
62) 4-Nitroaniline	10.375	138	145568	40.852	ng	96
63) Azobenzene	10.498	77	677533	47.851	ng	96
65) 4,6-Dinitro-2-methylph...	10.410	198	79328	44.325	ng	86
66) n-Nitrosodiphenylamine	10.463	169	572421	56.113	ng	100
67) 4-Bromophenyl-phenylether	10.828	248	185729	55.420	ng	# 90
68) Hexachlorobenzene	10.892	284	187903	55.036	ng	# 88
69) Atrazine	10.992	200	166235	60.562	ng	98
70) Pentachlorophenol	11.092	266	157232	76.973	ng	96
71) Phenanthrene	11.310	178	834902	52.389	ng	99
72) Anthracene	11.363	178	821777	50.166	ng	99
73) Carbazole	11.522	167	698577	46.846	ng	100
74) Di-n-butylphthalate	11.857	149	932223	53.053	ng	100
75) Fluoranthene	12.504	202	739939	44.559	ng	99
77) Benzidine	12.633	184	368961	92.453	ng	99
78) Pyrene	12.733	202	739858	39.892	ng	100
80) Butylbenzylphthalate	13.363	149	280226	42.915	ng	96
81) Benzo(a)anthracene	13.933	228	637767	50.702	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	236570	60.211	ng	99
83) Chrysene	13.969	228	632949	50.611	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	345662	51.585	ng	100
85) Di-n-octyl phthalate	14.545	149	703620	66.075	ng	# 96
87) Indeno(1,2,3-cd)pyrene	16.886	276	569670	33.766	ng	99
88) Benzo(b)fluoranthene	14.986	252	727366	52.219	ng	98
89) Benzo(k)fluoranthene	15.016	252	631597	45.903	ng	100
90) Benzo(a)pyrene	15.351	252	633536	47.694	ng	98
91) Dibenzo(a,h)anthracene	16.898	278	467615	33.875	ng	99
92) Benzo(g,h,i)perylene	17.327	276	416177	28.868	ng	98

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

