

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
 Data File : BF134876.D
 Acq On : 21 Aug 2023 19:49
 Operator : CG\JU
 Sample : 04070-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 22 03:23:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	282322	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	1108598	20.000	ng	# 0.00
39) Acenaphthene-d10	9.834	164	509595	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	808693	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	565684	20.000	ng	0.00
86) Perylene-d12	15.439	264	483585	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	963723	51.890	ng	0.00
7) Phenol-d6	6.440	99	1249847	52.644	ng	0.00
23) Nitrobenzene-d5	7.357	82	780196	43.980	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	284662	54.797	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1252525	40.867	ng	-0.01
79) Terphenyl-d14	12.910	244	1105992	34.467	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.599	88	157140	18.389	ng	# 95
3) Pyridine	3.363	79	410864	17.744	ng	90
4) n-Nitrosodimethylamine	3.322	42	223744	20.223	ng	# 61
6) Aniline	6.463	93	526397	16.904	ng	92
8) 2-Chlorophenol	6.581	128	482763	25.768	ng	95
9) Benzaldehyde	6.346	77	205069	13.953	ng	98
10) Phenol	6.451	94	563047	24.066	ng	98
11) bis(2-Chloroethyl)ether	6.534	93	444356	23.908	ng	94
12) 1,3-Dichlorobenzene	6.734	146	484142	24.976	ng	96
13) 1,4-Dichlorobenzene	6.810	146	489958	25.220	ng	99
14) 1,2-Dichlorobenzene	6.963	146	471443	26.045	ng	96
15) Benzyl Alcohol	6.940	79	412327	25.175	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.069	45	630758	21.662	ng	93
17) 2-Methylphenol	7.057	107	378990	22.892	ng	95
18) Hexachloroethane	7.304	117	171615	25.170	ng	92
19) n-Nitroso-di-n-propyla...	7.216	70	303761	21.370	ng	# 87
20) 3+4-Methylphenols	7.204	107	428943	21.484	ng	91
22) Acetophenone	7.204	105	595453	23.266	ng	# 92
24) Nitrobenzene	7.381	77	480530	25.073	ng	92
25) Isophorone	7.616	82	873428	22.574	ng	99
26) 2-Nitrophenol	7.692	139	249460	32.327	ng	# 89
27) 2,4-Dimethylphenol	7.734	122	378700	21.936	ng	88
28) bis(2-Chloroethoxy)met...	7.828	93	534291	23.084	ng	99
29) 2,4-Dichlorophenol	7.934	162	382469	24.409	ng	96
30) 1,2,4-Trichlorobenzene	8.016	180	422753	25.301	ng	98
31) Naphthalene	8.098	128	1277408	22.927	ng	99
32) Benzoic acid	7.869	122	306169	30.598	ng	92
33) 4-Chloroaniline	8.145	127	395669	15.938	ng	99
34) Hexachlorobutadiene	8.210	225	244052	25.322	ng	97
35) Caprolactam	8.528	113	125477m	24.821	ng	
36) 4-Chloro-3-methylphenol	8.634	107	392950	23.680	ng	92
37) 2-Methylnaphthalene	8.787	142	822301	22.266	ng	100
38) 1-Methylnaphthalene	8.887	142	782681	22.791	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	396709	26.771	ng	99
41) Hexachlorocyclopentadiene	8.934	237	177045	24.569	ng	93
43) 2,4,6-Trichlorophenol	9.063	196	260737	26.885	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
 Data File : BF134876.D
 Acq On : 21 Aug 2023 19:49
 Operator : CG\JU
 Sample : 04070-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Quant Time: Aug 22 03:23:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	269459	24.310	ng	94
46) 1,1'-Biphenyl	9.251	154	1019630	25.730	ng	99
47) 2-Chloronaphthalene	9.275	162	758728	25.553	ng	99
48) 2-Nitroaniline	9.375	65	244189	27.805	ng	93
49) Acenaphthylene	9.692	152	1135677	24.332	ng	100
50) Dimethylphthalate	9.557	163	904613	26.045	ng	98
51) 2,6-Dinitrotoluene	9.622	165	199645	29.091	ng	# 79
52) Acenaphthene	9.863	154	682988	22.580	ng	99
53) 3-Nitroaniline	9.786	138	173932	22.467	ng	94
54) 2,4-Dinitrophenol	9.898	184	102093	45.638	ng	# 81
55) Dibenzofuran	10.039	168	993184	23.066	ng	94
56) 4-Nitrophenol	9.957	139	286900	45.312	ng	# 80
57) 2,4-Dinitrotoluene	10.028	165	237062	28.793	ng	# 83
58) Fluorene	10.381	166	715112	22.801	ng	93
59) 2,3,4,6-Tetrachlorophenol	10.157	232	213510	24.348	ng	96
60) Diethylphthalate	10.257	149	826413	25.103	ng	97
61) 4-Chlorophenyl-phenyle...	10.375	204	372901	24.190	ng	94
62) 4-Nitroaniline	10.404	138	175029	23.067	ng	87
63) Azobenzene	10.533	77	753496	21.303	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	74054	27.249	ng	# 77
66) n-Nitrosodiphenylamine	10.492	169	673717	26.174	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	235263	26.575	ng	98
68) Hexachlorobenzene	10.928	284	249882	26.730	ng	96
69) Atrazine	11.028	200	220380	31.765	ng	97
70) Pentachlorophenol	11.122	266	235657	40.714	ng	95
71) Phenanthrene	11.345	178	996908	23.208	ng	99
72) Anthracene	11.398	178	1022318	23.300	ng	99
73) Carbazole	11.551	167	880984	22.488	ng	100
74) Di-n-butylphthalate	11.886	149	1085689	26.086	ng	99
75) Fluoranthene	12.533	202	1027042	22.635	ng	97
77) Benzidine	12.663	184	507951	41.365	ng	99
78) Pyrene	12.769	202	1047760	21.405	ng	98
80) Butylbenzylphthalate	13.392	149	427934	25.854	ng	96
81) Benzo(a)anthracene	13.963	228	889495	21.990	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	341719	29.145	ng	99
83) Chrysene	13.998	228	864559	21.939	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	532336	27.329	ng	99
85) Di-n-octyl phthalate	14.574	149	978484	33.034	ng	99
87) Indeno(1,2,3-cd)pyrene	16.927	276	650836	22.884	ng	# 93
88) Benzo(b)fluoranthene	15.010	252	735551	24.940	ng	# 97
89) Benzo(k)fluoranthene	15.039	252	715651	24.358	ng	# 98
90) Benzo(a)pyrene	15.374	252	611921	22.252	ng	# 96
91) Dibenzo(a,h)anthracene	16.951	278	539178	23.458	ng	# 95
92) Benzo(g,h,i)perylene	17.380	276	515044	21.967	ng	# 95

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

