

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
 Data File : BF134855.D
 Acq On : 18 Aug 2023 23:04
 Operator : CG\JU
 Sample : 04070-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023

Quant Time: Aug 19 01:49:12 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	6.798	152	253208	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	959163	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	424909	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	586736	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	512562	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	376543	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	885869	53.182	ng	0.00
7) Phenol-d6	6.434	99	1123194	52.749	ng	0.00
23) Nitrobenzene-d5	7.357	82	685968	44.693	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	208059	48.033	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1071038	41.910	ng	-0.01
79) Terphenyl-d14	12.910	244	849055	29.202	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	153440	20.021	ng	# 93
3) Pyridine	3.346	79	386424	18.607	ng	92
4) n-Nitrosodimethylamine	3.310	42	207255	20.887	ng	# 56
6) Aniline	6.463	93	501389	17.952	ng	90
8) 2-Chlorophenol	6.581	128	434358	25.850	ng	94
9) Benzaldehyde	6.345	77	182813	13.852	ng	97
10) Phenol	6.451	94	512478	24.423	ng	93
11) bis(2-Chloroethyl)ether	6.539	93	395384	23.719	ng	89
12) 1,3-Dichlorobenzene	6.734	146	433857	24.955	ng	97
13) 1,4-Dichlorobenzene	6.816	146	444765	25.526	ng	97
14) 1,2-Dichlorobenzene	6.963	146	428647	26.404	ng	96
15) Benzyl Alcohol	6.939	79	363457	24.743	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.075	45	574236	21.989	ng	92
17) 2-Methylphenol	7.051	107	338627	22.805	ng	94
18) Hexachloroethane	7.304	117	157445	25.746	ng	93
19) n-Nitroso-di-n-propyla...	7.210	70	270440	21.213	ng	91
20) 3+4-Methylphenols	7.204	107	384344	21.463	ng	# 85
22) Acetophenone	7.204	105	526791	23.790	ng	# 93
24) Nitrobenzene	7.375	77	424885	25.624	ng	97
25) Isophorone	7.616	82	763996	22.822	ng	100
26) 2-Nitrophenol	7.692	139	218613	32.682	ng	# 87
27) 2,4-Dimethylphenol	7.733	122	341793	22.882	ng	# 83
28) bis(2-Chloroethoxy)met...	7.828	93	466101	23.275	ng	100
29) 2,4-Dichlorophenol	7.933	162	333733	24.617	ng	97
30) 1,2,4-Trichlorobenzene	8.016	180	368068	25.460	ng	98
31) Naphthalene	8.098	128	1132183	23.486	ng	99
32) Benzoic acid	7.851	122	222124	26.928	ng	92
33) 4-Chloroaniline	8.145	127	333969	15.549	ng	97
34) Hexachlorobutadiene	8.210	225	213981	25.661	ng	96
35) Caprolactam	8.516	113	99901	22.841	ng	97
36) 4-Chloro-3-methylphenol	8.628	107	336591	23.444	ng	94
37) 2-Methylnaphthalene	8.786	142	705097	22.067	ng	99
38) 1-Methylnaphthalene	8.886	142	675058	22.720	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	337259	27.295	ng	99
41) Hexachlorocyclopentadiene	8.939	237	110388	18.372	ng	95
43) 2,4,6-Trichlorophenol	9.063	196	219696	27.168	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
 Data File : BF134855.D
 Acq On : 18 Aug 2023 23:04
 Operator : CG\JU
 Sample : 04070-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023

Quant Time: Aug 19 01:49:12 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)
44) 2,4,5-Trichlorophenol	9.104	196	224598	24.301	ng	94
46) 1,1'-Biphenyl	9.251	154	866340	26.219	ng	98
47) 2-Chloronaphthalene	9.275	162	645651	26.078	ng	98
48) 2-Nitroaniline	9.375	65	197223	27.032	ng	88
49) Acenaphthylene	9.692	152	954670	24.530	ng	99
50) Dimethylphthalate	9.557	163	745727	25.750	ng	98
51) 2,6-Dinitrotoluene	9.616	165	161504	28.298	ng	88
52) Acenaphthene	9.863	154	565672	22.429	ng	98
53) 3-Nitroaniline	9.786	138	142229	22.034	ng	98
54) 2,4-Dinitrophenol	9.892	184	70920	40.094	ng	89
55) Dibenzofuran	10.033	168	821516	22.882	ng	96
56) 4-Nitrophenol	9.951	139	210341	39.842	ng	# 72
57) 2,4-Dinitrotoluene	10.022	165	180272	26.510	ng	# 84
58) Fluorene	10.380	166	568368	21.734	ng	95
59) 2,3,4,6-Tetrachlorophenol	10.151	232	160055m	21.890	ng	
60) Diethylphthalate	10.257	149	658436	23.986	ng	97
61) 4-Chlorophenyl-phenyle...	10.374	204	298823	23.248	ng	93
62) 4-Nitroaniline	10.398	138	134172	21.207	ng	87
63) Azobenzene	10.533	77	584737	19.826	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	57946	28.705	ng	86
66) n-Nitrosodiphenylamine	10.492	169	521021	27.899	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	175818	27.374	ng	98
68) Hexachlorobenzene	10.927	284	182023	26.837	ng	93
69) Atrazine	11.022	200	160700	31.925	ng	97
70) Pentachlorophenol	11.121	266	168943	40.230	ng	96
71) Phenanthrene	11.345	178	746177	23.943	ng	99
72) Anthracene	11.392	178	751982	23.622	ng	99
73) Carbazole	11.551	167	659572	23.205	ng	99
74) Di-n-butylphthalate	11.886	149	754648	24.991	ng	99
75) Fluoranthene	12.533	202	808770	24.568	ng	97
77) Benzidine	12.663	184	446503	40.129	ng	98
78) Pyrene	12.763	202	848971	19.141	ng	97
80) Butylbenzylphthalate	13.392	149	320396	21.363	ng	97
81) Benzo(a)anthracene	13.962	228	812066	22.157	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	288810	27.186	ng	# 98
83) Chrysene	13.998	228	768386	21.519	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	403232	22.847	ng	99
85) Di-n-octyl phthalate	14.574	149	815408	30.381	ng	99
87) Indeno(1,2,3-cd)pyrene	16.921	276	500286	22.591	ng	# 93
88) Benzo(b)fluoranthene	15.009	252	625318	27.229	ng	# 98
89) Benzo(k)fluoranthene	15.039	252	591580m	25.859	ng	
90) Benzo(a)pyrene	15.374	252	475824	22.222	ng	# 97
91) Dibenzo(a,h)anthracene	16.945	278	406911	22.736	ng	# 96
92) Benzo(g,h,i)perylene	17.374	276	402339	22.039	ng	# 93

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

