

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127411.D
 Acq On : 19 Mar 2022 00:42
 Operator : CG\JU
 Sample : N1983-03MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124042MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/21/2022
 Supervised By : Jagrut Upadhyay 03/21/2022

Quant Time: Mar 19 01:54:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 19 01:50:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	58561	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	148097	20.000	ng	# 0.00
39) Acenaphthene-d10	9.898	164	92635	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	170223	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	110623	20.000	ng	# 0.00
86) Perylene-d12	15.521	264	107933	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	443022	121.614	ng	0.00
7) Phenol-d6	6.498	99	575435	114.828	ng	0.00
23) Nitrobenzene-d5	7.428	82	426505	118.935	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	143817	144.220	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	512289	78.185	ng	0.00
79) Terphenyl-d14	12.974	244	492788	76.707	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	41930	22.199	ng	# 74
3) Pyridine	3.428	79	114053	22.691	ng	# 66
4) n-Nitrosodimethylamine	3.399	42	94148	33.807	ng	# 44
6) Aniline	6.522	93	226203	37.770	ng	# 89
8) 2-Chlorophenol	6.645	128	161929	42.968	ng	96
9) Benzaldehyde	6.410	77	95161	34.653	ng	90
10) Phenol	6.510	94	250196	45.450	ng	74
11) bis(2-Chloroethyl)ether	6.593	93	175813	43.007	ng	89
12) 1,3-Dichlorobenzene	6.798	146	175814	41.561	ng	97
13) 1,4-Dichlorobenzene	6.875	146	213290	50.259	ng	99
14) 1,2-Dichlorobenzene	7.028	146	196448	49.184	ng	96
15) Benzyl Alcohol	7.004	79	197623	52.613	ng	89
16) 2,2'-oxybis(1-Chloropr...	7.128	45	370428	48.285	ng	92
17) 2-Methylphenol	7.116	107	168401	52.564	ng	# 90
18) Hexachloroethane	7.363	117	81570	50.037	ng	# 80
19) n-Nitroso-di-n-propyla...	7.275	70	161635	51.687	ng	90
20) 3+4-Methylphenols	7.269	107	211607	50.930	ng	# 84
22) Acetophenone	7.269	105	283904	70.016	ng	# 81
24) Nitrobenzene	7.445	77	242967	71.634	ng	94
25) Isophorone	7.681	82	383803	66.560	ng	# 97
26) 2-Nitrophenol	7.763	139	70306	50.054	ng	# 72
27) 2,4-Dimethylphenol	7.798	122	122887	58.280	ng	88
28) bis(2-Chloroethoxy)met...	7.892	93	171124	46.837	ng	99
29) 2,4-Dichlorophenol	8.004	162	126038	52.194	ng	97
30) 1,2,4-Trichlorobenzene	8.081	180	142949	51.926	ng	97
31) Naphthalene	8.163	128	397435	50.308	ng	99
32) Benzoic acid	7.951	122	62604	43.445	ng	87
33) 4-Chloroaniline	8.216	127	63506	20.739	ng	# 91
34) Hexachlorobutadiene	8.269	225	100044	54.497	ng	98
35) Caprolactam	8.598	113	36367m	50.413	ng	
36) 4-Chloro-3-methylphenol	8.704	107	140975	53.864	ng	98
37) 2-Methylnaphthalene	8.857	142	276950	53.651	ng	96
38) 1-Methylnaphthalene	8.957	142	267810	53.966	ng	98
40) 1,2,4,5-Tetrachloroben...	9.022	216	152542	52.017	ng	# 94
41) Hexachlorocyclopentadiene	9.004	237	115878	93.606	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	94521	51.069	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127411.D
 Acq On : 19 Mar 2022 00:42
 Operator : CG\JU
 Sample : N1983-03MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124042MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/21/2022
 Supervised By : Jagrut Upadhyay 03/21/2022

Quant Time: Mar 19 01:54:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 19 01:50:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	99468m	50.637	ng	
46) 1,1'-Biphenyl	9.322	154	354337	50.681	ng	96
47) 2-Chloronaphthalene	9.345	162	275266	50.578	ng	98
48) 2-Nitroaniline	9.451	65	107043	51.119	ng	88
49) Acenaphthylene	9.763	152	444835	53.410	ng	98
50) Dimethylphthalate	9.622	163	340575	51.307	ng	# 99
51) 2,6-Dinitrotoluene	9.692	165	71890	53.540	ng	# 88
52) Acenaphthene	9.934	154	256434	51.652	ng	95
53) 3-Nitroaniline	9.863	138	45094	30.818	ng	# 85
54) 2,4-Dinitrophenol	9.981	184	67492	90.671	ng	# 87
55) Dibenzofuran	10.110	168	396250	51.375	ng	98
56) 4-Nitrophenol	10.039	139	82759	93.054	ng	# 54
57) 2,4-Dinitrotoluene	10.104	165	97896	55.414	ng	# 88
58) Fluorene	10.451	166	326655	54.618	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.228	232	84269	51.622	ng	# 80
60) Diethylphthalate	10.322	149	325716	53.794	ng	98
61) 4-Chlorophenyl-phenyle...	10.439	204	175389	54.113	ng	91
62) 4-Nitroaniline	10.486	138	65944m	45.226	ng	
63) Azobenzene	10.604	77	340873	48.976	ng	84
65) 4,6-Dinitro-2-methylph...	10.510	198	49342	47.013	ng	# 81
66) n-Nitrosodiphenylamine	10.563	169	268133	50.719	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	107520	52.399	ng	90
68) Hexachlorobenzene	10.998	284	118163	52.839	ng	# 87
69) Atrazine	11.092	200	103376	56.667	ng	94
70) Pentachlorophenol	11.198	266	93534	103.592	ng	98
71) Phenanthrene	11.422	178	505418	56.246	ng	99
72) Anthracene	11.469	178	462479	51.969	ng	99
73) Carbazole	11.628	167	382777	45.676	ng	98
74) Di-n-butylphthalate	11.945	149	501861	51.200	ng	100
75) Fluoranthene	12.610	202	494148	49.183	ng	90
77) Benzidine	12.733	184	161933	57.563	ng	# 95
78) Pyrene	12.839	202	463212	53.759	ng	98
80) Butylbenzylphthalate	13.445	149	162437	48.984	ng	# 97
81) Benzo(a)anthracene	14.027	228	382102	51.299	ng	98
82) 3,3'-Dichlorobenzidine	13.992	252	87021	37.575	ng	# 95
83) Chrysene	14.069	228	352893	50.938	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	239551	53.664	ng	# 99
85) Di-n-octyl phthalate	14.616	149	362435	53.643	ng	# 95
87) Indeno(1,2,3-cd)pyrene	17.033	276	302872	46.581	ng	# 78
88) Benzo(b)fluoranthene	15.092	252	365861	51.641	ng	# 89
89) Benzo(k)fluoranthene	15.121	252	322743	48.449	ng	# 91
90) Benzo(a)pyrene	15.463	252	335804	60.192	ng	# 90
91) Dibenzo(a,h)anthracene	17.039	278	275042	50.825	ng	# 88
92) Benzo(g,h,i)perylene	17.486	276	240989	45.653	ng	# 79

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

